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## Product Datasheet

### Recombinant Mycobacterium tuberculosis MPT51/MPB51 antigen (mpt51), Unconjugated, E. coli BIM-RPC22791

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Mycobacterium tuberculosis MPT51/MPB51 antigen (mpt51), Unconjugated, E. coli                                                                                                                                                                     |
| Biozol Catalog Number      | BIM-RPC22791                                                                                                                                                                                                                                                  |
| Supplier Catalog Number    | RPC22791                                                                                                                                                                                                                                                      |
| Alternative Catalog Number | BIM-RPC22791-20UG,BIM-RPC22791-100UG,BIM-RPC22791-1MG                                                                                                                                                                                                         |
| Manufacturer               | Biomatik Corporation                                                                                                                                                                                                                                          |
| Host                       | E. coli                                                                                                                                                                                                                                                       |
| Category                   | Proteine/Peptide                                                                                                                                                                                                                                              |
| Species Reactivity         | Bacteria                                                                                                                                                                                                                                                      |
| Conjugation                | Unconjugated                                                                                                                                                                                                                                                  |
| Product Description        | Recombinant Mycobacterium tuberculosis MPT51/MPB51 antigen (mpt51) is a purified Recombinant Protein. Purity: >90% as determined by SDS-PAGE. Host: E. coli. Endotoxin Level: Not Tested. Species: Mycobacterium tuberculosis (strain CDC 1551 / Oshkosh).... |
| Molecular Weight           | 44.5kDa                                                                                                                                                                                                                                                       |
| Tag                        | N-Terminal 6Xhis-Sumo-Tagged                                                                                                                                                                                                                                  |
| Buffer                     | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                            |
| Purity                     | >90% by SDS-PAGE                                                                                                                                                                                                                                              |

|          |                                                                                                                                                                                                                                                                                   |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence | AEPTAKAAPYENLMVPSPSMGRDIPVAFLAGGPHAVYLLDAFNAGPDVSNWV<br>TAGNAMNTLAGKGISVVAPAGGAYSMYTNWEQDGSKQWDTFLSAELPDWL<br>AANRGLAPGGHAAVGAAQGGYGAMALAAFHPDRFGFAGSMGFLYPSNTTT<br>NGAIAAGMQQFGGVDTNGMWGAPQLGRWKWHPWVHASLLAQNNTRVW<br>VWSPTNPGASDPAAMIGQAAEAMGNSRMFYNQYRSVGGHNGHFDFPASGD<br>NGWG |
| Target   | mpt51                                                                                                                                                                                                                                                                             |