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## Product Datasheet

### Recombinant Human S100A9 EBT-EPT098

|                            |                                                                                                                                                         |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Human S100A9                                                                                                                                |
| Biozol Catalog Number      | EBT-EPT098                                                                                                                                              |
| Supplier Catalog Number    | EPT098                                                                                                                                                  |
| Alternative Catalog Number | EBT-EPT098-50                                                                                                                                           |
| Manufacturer               | ELK Biotechnology                                                                                                                                       |
| Category                   | Proteine/Peptide                                                                                                                                        |
| Product Description        | Recombinant Human S100 Calcium Binding Protein A9 is produced by our E.coli expression system and the target gene encoding Thr2-Pro114 is expressed.... |
| Molecular Weight           | Molecular weight: 13.2 KDa. Apparent molecular weight: 14 KDa, reducing conditions                                                                      |
| UniProt                    | <a href="#">P06702</a>                                                                                                                                  |
| Purity                     | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                    |

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| Application Notes | <p>Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Protein S100-A9 (also MRP14 and calgranulin B) is a calcium- and zinc-binding protein which plays a prominent role in the regulation of inflammatory processes and immune response. It can induce neutrophil chemotaxis, adhesion, can increase the bactericidal activity of neutrophils by promoting phagocytosis via activation of SYK, PI3K/AKT, and ERK1/2 and can induce degranulation of neutrophils by a MAPK-dependent mechanism</p> |
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