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## Product Datasheet

### Human/Cynomolgus Activin RII<sup>B</sup>/ACVR2<sup>B</sup> Protein, Ultra Low Endotoxin (ARB-HM22B-UL) KAB-ARB-HM22B-UL

|                            |                                                                                                                                                                                                                    |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Human/Cynomolgus Activin RII <sup>B</sup> /ACVR2 <sup>B</sup> Protein, Ultra Low Endotoxin (ARB-HM22B-UL)                                                                                                          |
| Biozol Catalog Number      | KAB-ARB-HM22B-UL                                                                                                                                                                                                   |
| Supplier Catalog Number    | ARB-HM22B-UL                                                                                                                                                                                                       |
| Alternative Catalog Number | KAB-ARB-HM22B-UL-100UG, KAB-ARB-HM22B-UL-500UG                                                                                                                                                                     |
| Manufacturer               | KactusBio                                                                                                                                                                                                          |
| Category                   | Proteine/Peptide                                                                                                                                                                                                   |
| Species Reactivity         | Human, Monkey                                                                                                                                                                                                      |
| Product Description        | Recombinant Human/Cynomolgus Activin RII <sup>B</sup> /ACVR2 <sup>B</sup> Protein is expressed from HEK293 with hFc (IgG1) tag at the C-terminus. It contains Ser19-Thr137 (Human) / Ser40-Thr158 (Cynomolgus).... |
| Molecular Weight           | The protein has a predicted MW of 39.6 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Bis-Tris PAGE result.                                                                                 |
| Tag                        | C-hFc (IgG1)                                                                                                                                                                                                       |
| UniProt                    | <a href="#">Q13705</a>                                                                                                                                                                                             |
| Buffer                     | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                                    |
| Expression System          | HEK293                                                                                                                                                                                                             |
| Purity                     | > 95% as determined by Bis-Tris PAGE, > 95% as determined by HPLC                                                                                                                                                  |

|          |                                                  |
|----------|--------------------------------------------------|
| Form     | Lyophilized                                      |
| Sequence | Ser19-Thr137 (Human) / Ser40-Thr158 (Cynomolgus) |
| Target   | Activin RII $\beta$ /ACVR2B                      |