

# Active Recombinant Cynomolgus FCER1A protein, His-tagged

Cat. No. FCER1A-1458C Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Cynomolgus FCER1A protein(Val29-Lys204), fused with His tag, was expressed in HEK293.  |
| <b>Species</b>          | Cynomolgus   |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | 29-204 a.a.  |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.  |
| <b>Bio-activity</b>     | Cynomolgus Fc epsilon RI alpha, His Tag immobilized on CM5 Chip can bind Human IgE Fc, His Tag with an affinity constant of 0.226 nM as determined in a SPR assay (Biacore 8K).                          |
| <b>Molecular Mass</b>   | This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 22.3 kDa. The protein migrates as 35-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| <b>Proteinlength</b>    | Val29-Lys204   |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.   |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.  |

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**Storage**

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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