

RP02362

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Recombinant Human Fc gamma RI/CD64 Protein

Catalog No.: RP02362

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	2209	P12314-1

Tags

C-His&Avi

Synonyms

FCGR1A; CD64; CD64A; FCRI; IGFR1; Fc fragment of IgG receptor Ia;CD64;CD64A;FCRI;IGFR1

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Basic Information

Description

Recombinant Human Fc gamma RI / CD64 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Gln16-Pro288) of Human Fc gamma RI / CD64 fused with a His and Avi tag at the C-terminal.

Bio-Activity

Storage

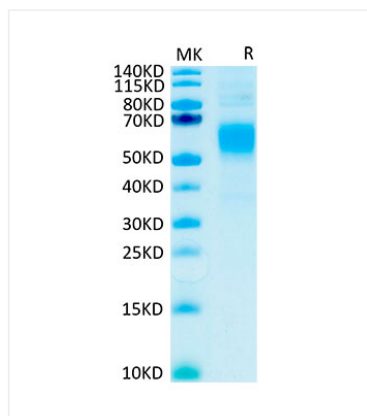
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

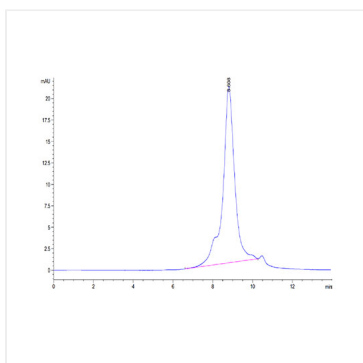


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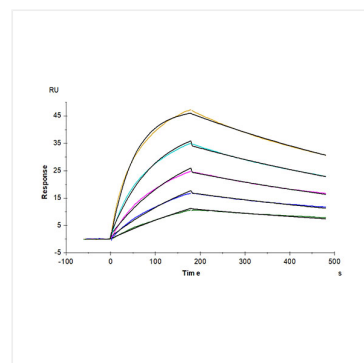
Validation Data



Human Fc gamma RI on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Human Fc gamma RI is greater than 95% as determined by SEC-HPLC.



Human Fc gamma RI, His Tag captured on CM5 Chip via anti-his antibody can bind Trastuzumab with an affinity constant of 3.74 nM as determined in SPR assay (Biacore T200).