Mouse Fc gamma RI/CD64 Protein

Catalog # CD64-MP001 Form: Lyophilized

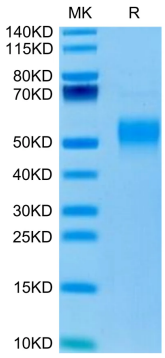
Product Details

Product description	Recombinant Mouse Fc gamma RI/CD64 Protein is expressed in HEK293 cells with a His tag at the C-terminus. It contains amino acid residues Glu25-Pro297 (UniProt accession: P26151-1).
Molecular aliases	CD64; CD64a; Fc gamma RI; FCG1; Fc-gamma RIA; FCGR1; FcgRI; FCRI; FcRIA; FLJ18345; FCGR1A; IGFR1; Fcr; Fcgr; FCE1A; FcERI; FcγRI; Fc γRI; Fcγ RI; Fc γ RI
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 31.5 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per ug by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

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