

Recombinant Mouse Fc ϵ 1a protein(Met1-Gln204), hFc-tagged

Cat. No. Fc ϵ 1a-8688M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse FCER1A (P20489) (Met1-Gln204) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gln204
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse FCER1A /Fc is a disulfide-linked homodimer. The reduced monomer comprises 422 amino acids and has a predicted molecular mass of 48 kDa. The apparent molecular mass of the protein is approximately 63 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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.

GENE INFORMATION

Gene Name Fcer1a Fc receptor, IgE, high affinity I, alpha polypeptide [*Mus musculus*]

Official Symbol Fcer1a

Synonyms FCER1A; Fc receptor, IgE, high affinity I, alpha polypeptide; high affinity immunoglobulin epsilon receptor subunit alpha; fc-epsilon RI-alpha; igE Fc receptor subunit alpha; FcERI; Fce1a; Fcr-5; fcepsilonri;

Gene ID 14125

mRNA Refseq NM_010184

Protein Refseq NP_034314

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