

Recombinant Human FCER1A protein(Met1-Gln205), His-tagged

Cat. No. FCER1A-8563H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCER1A (P12319) (Met1-Gln205) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Gln205
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 human FCER1A consists of 191 amino acids and predicts a molecular mass of 22.5 KDa. As a result of glycosylation, it migrates as an approximately 42-48 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % 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 fragment of IgE, high affinity I, receptor for; alpha polypeptide [Homo sapiens]

Official Symbol

FCER1A

Synonyms

FCER1A; Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide; FCE1A; high affinity immunoglobulin epsilon receptor subunit alpha; Fc-epsilon RI-alpha; Fc epsilon RI alpha-chain; igE Fc receptor subunit alpha; Fc IgE receptor, alpha polypeptide; high affinity immunoglobulin epsilon receptor alpha-subunit; immunoglobulin E receptor, high-affinity, of mast cells, alpha polypeptide; FcERI;

Gene ID

2205

mRNA Refseq

NM_002001

Protein Refseq

NP_001992

MIM

147140

UniProt ID

P12319

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