

Active Recombinant Human FCER1A protein, hFc-tagged, Low Endotoxin

Cat. No. FCER1A-5467H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCER1A protein(P12319-1)(Val26-Gln205), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-205 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Fc epsilon RI alpha, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Human IgE, His Tag
Molecular Mass	The protein has a predicted MW of 47.8 kDa. Due to glycosylation, the protein migrates to 70-78 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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

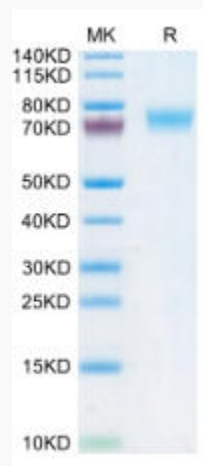
UniProt ID P12319

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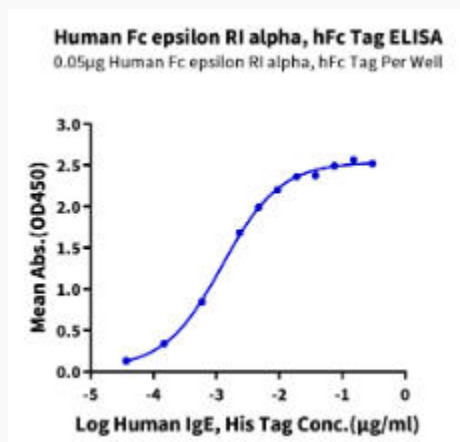
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Bis-Tris PAGE



ELISA Data



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