

# Active Recombinant Human FCER1A, His-tagged, Biotinylated

**Cat. No.** FCER1A-193H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human FCER1A Protein, Biotinylated (Biotinylated rh FCER1A) Val 26 - Gln 205 (Accession # NP_001992), was labeled with biotin based on rh FCER1A Protein, which was produced in human 293 cells (HEK293).
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Val 26 - Gln 205
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Immunoglobulin E, Human Plasma at 5 µg/mL (100 µL/well) can bind Human Fc epsilon RI alpha, His Tag with a linear range of 0.4-3 ng/mL.
<b>Molecular Mass</b>	The protein has a calculated MW of 22.9 kDa. The protein migrates as 37-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20

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centigrade or lower.  
 Please avoid repeated freeze-thaw cycles.  
 This product is stable after storage at:  
 -20 centigrade to -70 centigrade for 12 months in lyophilized state;  
 -70 centigrade for 3 months under sterile conditions after reconstitution.

**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.

**Conjugation** Biotin

## 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

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