

Active Recombinant Human FCER1A, His-tagged, Biotinylated

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

SPECIFICATION

Product Overview	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).
Species	Human
Source	HEK293
ProteinLength	Val 26 - Gln 205
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	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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