

Active Recombinant Human FCER1A, His-tagged

Cat. No. FCER1A-725H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCER1A (Accession # NP_001992) Val26-Gln205, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	26-205 a.a.
Predicted N Terminal	Val26
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human Fc epsilon RI alpha is immobilized at 2 µg/mL (100 µL/well), the concentration of human IgE that produces 50% of the optimal binding response is found to be approximately 0.05 - 0.2 µg/mL.
Molecular Mass	Recombinant Human FCER1A, His-tagged has a calculated MW of 21.9 kDa. In SDS-PAGE migrates as 45-58 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

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
Chromosome Location	1q23

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