

Recombinant Full Length Human FCER1A Protein, GST-tagged

Cat. No. FCER1A-6928HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human full-length FCER1A (1 a.a. - 257 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	257 amino acids
Description	The immunoglobulin epsilon receptor (IgE receptor) is the initiator of the allergic response. When two or more high-affinity IgE receptors are brought together by allergen-bound IgE molecules, mediators such as histamine that are responsible for allergy symptoms are released. This receptor is comprised of an alpha subunit, a beta subunit, and two gamma subunits. The protein encoded by this gene represents the alpha subunit.
Molecular Mass	54.01 kDa
AA Sequence	MAPAMESPTLLCVALLFFAPDGVLA VPQPKVSLNPPWNRIFKGENVT LTCNGNNFF EVSSTKWFHNGSLSEETN SSLNIVNAKFEDSGEYKCQHQQVNESEPVYLEVFSDW LLLQASAEVVM EGQPLFLRCHGWRNWDVYKVIYYKDGE ALKYWYENHNISITNATV EDSGTYYCTGK VWQLDYESEPLNITVIKAPREKYWLQFFIPLL VVILFAVDTGLFIS TQ QQVTFLLIKIRTRKGRLLNPHPKPNPKNN
Applications	ELISA; WB-Re; AP; Array

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	FCER1A Fc epsilon receptor Ia [Homo sapiens (human)]
Official Symbol	FCER1A
Synonyms	FCER1A; FCE1A; FcERI; Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide; 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
Gene ID	2205
mRNA Refseq	NM_002001
Protein Refseq	NP_001992
MIM	147140
UniProt ID	P12319