

Recombinant Human FCER1G, MYC/DDK-tagged

Cat. No. FCER1G-197H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCER1G, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The high affinity IgE receptor is a key molecule involved in allergic reactions. It is a tetramer composed of 1 alpha, 1 beta, and 2 gamma chains. The gamma chains are also subunits of other Fc receptors.
Molecular Mass	7.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	FCER1G Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide [Homo sapiens (human)]
Official Symbol	FCER1G

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Synonyms	FCER1G; Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide; high affinity immunoglobulin epsilon receptor subunit gamma; fcRgamma; fceRI gamma; fc-epsilon RI-gamma; Fc receptor gamma-chain; immunoglobulin E receptor, high affinity, gamma chain; FCRG
Gene ID	2207
mRNA Refseq	NM_004106
Protein Refseq	NP_004097
MIM	147139
UniProt ID	P30273
Chromosome Location	1q23
Pathway	Fc epsilon RI signaling pathway; Fc epsilon receptor (FCERI) signaling; GPVI-mediated activation cascade; Innate Immune System
Function	IgE binding; IgE receptor activity; IgG binding; protein binding