

Recombinant Human FCER1G Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FCER1G-3843H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FCER1G MS Standard C13 and N15-labeled recombinant protein (NP_004097) with a C-terminal MYC/DDK tag, 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	9.67 kDa
AA Sequence	MIPAVVLLLLLLVEQAAALGEPQLCYILDAILFLYGIVLTLLYCRLKIQVRKAAITSYEKS DGVYTGLSTRNQETYETLKHEKPPQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA

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Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name FCER1G Fc fragment of IgE receptor Ig [Homo sapiens (human)]

Official Symbol FCER1G

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

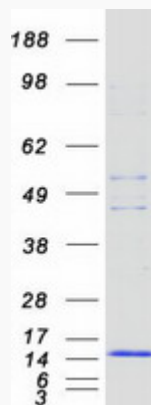
MIM 147139

UniProt ID P30273

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SDS-PAGE

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