

Recombinant Human FCER1G Protein (45-86 aa), His-tagged

Cat. No. FCER1G-1395H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCER1G Protein (45-86 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Immunology. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	45-86 aa
Description	Associates with a variety of FcR alpha chains to form a functional signaling complex. Regulates several aspects of the immune response. The gamma subunit has a critical role in allowing the IgE Fc receptor to reach the cell surface. Also involved in collagen-mediated platelet activation and in neutrophil activation mediated by integrin.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	6.9 kDa
AA Sequence	RLKIQVRKAAITSYEKSDGVYTGLSTRNQETYETLKHEKPPQ
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

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

Official Symbol FCER1G

Synonyms FCER1G; fcRgamma; fceRI gamma; FCRG;

Gene ID 2207

mRNA Refseq NM_004106

Protein Refseq NP_004097

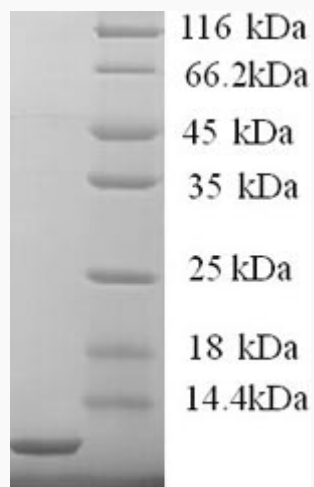
MIM 147139

UniProt ID P30273

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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