

Recombinant Human FCER1G, GST-tagged

Cat. No. FCER1G-12816H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FCER1G protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-87a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	FCER1G Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide [Homo sapiens]
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	Asthma, organism-specific biosystem; Asthma, conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Fc epsilon RI signaling pathway, organism-specific biosystem; Fc epsilon RI signaling pathway, conserved biosystem; Fc-epsilon receptor I signaling in mast cells, organism-specific biosystem; GPVI-mediated activation cascade, organism-specific biosystem;
Function	IgE binding; IgG binding; receptor activity; transmembrane signaling receptor activity;