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FCER1A Human 201 a.a

IgE Receptor Subunit A Human Recombinant
RCP0840

Product Overview

Name	FCER1A Human 201 a.a
Description	
IgE Receptor Subunit A Human Recombinant	
Accession (Primary)	P12319
Synonyms	
Fc Fragment Of IgE, High Affinity I, Receptor For; Alpha Polypeptide, FCE1A, IgE Fc Receptor Subunit Alpha, FcERI, Fc-Epsilon RI-Alpha, Fc Epsilon RI Alpha-Chain, Fc IgE Receptor, Alpha Polypeptide, High Affinity Immunoglobulin Epsilon Receptor Alpha-Subunit, High Affinity Immunoglobulin Epsilon Receptor Subunit Alpha, Immunoglobulin E Receptor, High-Affinity, Of Mast Cells, Alpha Polypeptide.	
Introduction	
Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide (FCER1A) binds to the Fc region of immunoglobulins epsilon. FCER1A is a high affinity receptor. In addition FCER1A is responsible for starting the allergic response. Binding of allergen to receptor-bound IgE leads to cell activation and the release of mediators such as histamine which is responsible for the manifestations of allergy. This receptor is contains of an alpha subunit, a beta subunit, and two gamma subunits. FCER1A stands for the alpha subunit. Among the diseases associated with FCER1A are mast-cell leukemia, and allergic asthma.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
1x PBS, 50mM Arginine and 0.05% NaN 3 .	
Stability	
The Recombinant FCER1A protein although stable at 4°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	

HM APAMESPTL LCVALLFFAP DGVLAVPQKP KVSLNPPWNR IFKGENVTLT CNGNNFFEVS STKWFHNGSL SEETNSSLNI VNAKFEDSGE YKCQHQQVNE SEPVYLEVFS DWLLLQASAE VVMEGQPLFL RCHGWRNWDV YKVIYYKDGE ALKYWYENHN ISITNATVED SGTYYCTGKV WQLDYESEPL NITVIKAP LEHHHHHH.

Precautions

FCER1A Human 201 a.a is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P12319)