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32-3818: FCER1A Recombinant Protein

Alternative Name :	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

Description

Source : Escherichia Coli. FCER1A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 203 amino acids (26-205aa) and having a molecular mass of 23.4kDa.FCER1A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	FCER1A protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSVPQKPKV SLNPPWNRIF KGENVTLTCN GNNFFEVSST KWFHNGSLSE ETNSSLNIVN AKFEDSGEYK CQHQQVNESE PVYLEVFSDW LLLQASAEVV MEGQPLFLRC HGWRNWDVYK VIYYKDGEAL KYWYENHNIS ITNATVEDSG TYYCTGKVWQ LDYESEPLNI TVIKAPREKY WLQ

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