

## 32-13227: FCER1A Human 201 a.a

**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-Subunit, High Affinity Immunoglobulin Epsilon Receptor Subunit Alpha, Immunoglobulin E Receptor, High-Affinity, Of Mast Cells, Alpha Polypeptide.

### Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

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.

FCER1A Human Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 201 amino acids. FCER1A is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 10 µg / 50 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** 1x PBS, 50mM Arginine and 0.05% NaN<sub>3</sub>.

**Storage condition :** 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.

**Amino Acid :** HMAPAMESPTL LCVALLFFAP DGLAVPQKP KVS LNPPWNR IFKGENVTLT CNGNNFFEVS  
STKWFHNGSL SEETNSSLN VNAKFEDSGE YKQHQVNE SEPVYLEVFS DWLLLQASAE  
VVMGQPLFL RCHGWRNWDV YKVIYYKDGE ALKYWYENHN ISITNATVED SGTYCYTGKV  
WQLDYESEPL NITVIKAPLEHHHHHH.