
Product Data Sheet

Product Name: FCER1A Human 201 a.a

Cat. No.: GP23477

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.

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.

Formulation 1x PBS, pH-7.4, 50mM Arginine and 0.05% NaN3.

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.

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.

Background

FCER1A Human Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 201 amino acids.FCER1Ais fused to a 6 amino acid His-tag at C-terminus &

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purified by proprietary chromatographic techniques.

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