

Datasheet for ABIN5853327

Fc epsilon RI/FCER1A Protein (AA 26-205) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Fc epsilon RI/FCER1A (FCER1A)
Protein Characteristics:	AA 26-205
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Fc epsilon RI/FCER1A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSVPQKPKV SLNPPWNRIF KGENVTLTGN GNNFFEVSST KWFHNGSLSE ETNSSLNIVN AKFEDSGEYK CQHQQVNESE PVYLEVFSW LLLQASAEVV MEGQPLFLRC HGWRNWDVYK VIYYKDGEAL KYWYENHNIS ITNATVEDSG TYYCTGKVVWQ LDYESEPLNI TVIKAPREKY WLQ
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	Fc epsilon RI/FCER1A (FCER1A)
Alternative Name:	FCER1A (FCER1A Products)
Background:	The immunoglobulin epsilon receptor (IgE receptor) is the initiator of the allergic response. When two or more high-affinity IgE receptors are brought together by allergen-bound IgE

Target Details

molecules, mediators such as histamine that are responsible for allergy symptoms are released. This receptor is comprised of an alpha subunit, a beta subunit, and two gamma subunits. FCER1A represents the alpha subunit. Recombinant human FCER1A protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Molecular Weight: 23.4kDa (203aa) confirmed by MALDI-TOF

NCBI Accession: [NP_001992](#)

UniProt: [P12319](#)

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

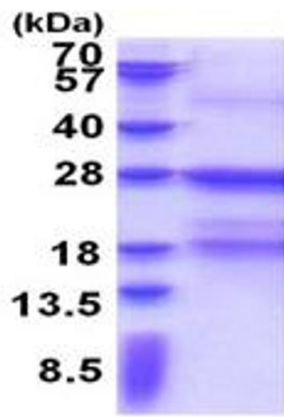
Format: Liquid

Concentration: 0.25 mg/mL

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10 % glycerol, 1 mM DTT

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.