

FCER1A recombinant protein

FCER1A, 26-205aa, Human, His tag, E Coli

CATALOG # AAA48841	HOST E Coli	APPLICATIONS SDS-Page
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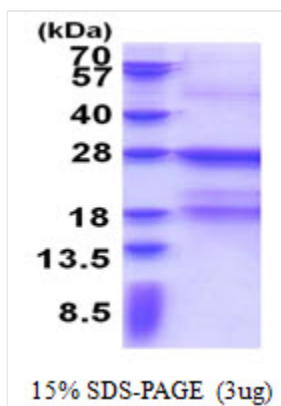
PRODUCT SYNONYMS

FCER1A; 26-205aa; Human; His tag; E Coli; high affinity immunoglobulin epsilon receptor subunit alpha precursor; FCE1A; FcERI; FCER1A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Concentration	0.25mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSVPQKPKV SLNPPWNRIF KGENVTLCN GNNFFEVSST KWFHNGSLSE ETNSSLNIVN AKFEDSGEYK CQHQQVNESE PVYLEVFSW LLLQASAEVV MEGQPLFLRC HGWRNWDVYK VIYYKDGEAL KYWYENHNIS ITNATVEDSG TTYCTGKVWQ LDYSESEPLNI TVIKAPREKY WLQ
Sequence Length	257
Applicable Applications for FCER1A recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for FCER1A recombinant protein	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 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.
Product Categories/Family for FCER1A recombinant protein	Immunology
References	ZHANG,Y., et al. (2012) Zhonghua Er Bi Yan Hou Tou Jing Wai Ke Za Zhi 47 (4), 289-293; Zhou,J., et al. (2012) Hum. Immunol. 73 (3), 301-305;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503675
NCBI GeneID	2205
NCBI Accession #	NP_001992
NCBI GenBank Nucleotide #	NM_002001.3
UniProt Accession #	P12319
Molecular Weight	23.4kDa (203aa) confirmed by MALDI-TOF
NCBI Official Full Name	high affinity immunoglobulin epsilon receptor subunit alpha
NCBI Official Synonym Full Names	Fc fragment of IgE receptor Ia
NCBI Official Symbol	FCER1A
NCBI Official Synonym Symbols	FCE1A; FcERI
NCBI Protein Information	high affinity immunoglobulin epsilon receptor subunit alpha
UniProt Protein Name	High affinity immunoglobulin epsilon receptor subunit alpha
UniProt Gene Name	FCER1A
UniProt Synonym Gene Names	FCE1A; FcERI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.