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Product datasheet for TP762469

Fc epsilon RI (FCER1A) (NM_002001) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human Fc fragment of IgE, high affinity I, receptor for, alpha polypeptide (FCER1A), Val26-End, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Val26-End) of FCER1A
Tag:	N-His
Predicted MW:	27.0 kDa
Concentration:	>0.05 μg/μL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001992
Locus ID:	2205
UniProt ID:	P12319
RefSeq Size:	1198
Cytogenetics:	1q23.2
RefSeq ORF:	771
Synonyms:	FCE1A; FcERI

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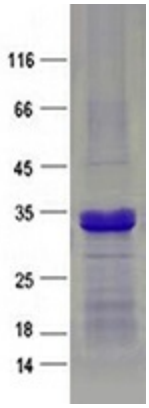
Summary: The immunoglobulin epsilon receptor (IgE receptor) is the initiator of the allergic response. When two or more high-affinity IgE receptors are brought together by allergen-bound IgE molecules, mediators such as histamine that are responsible for allergy symptoms are released. This receptor is comprised of an alpha subunit, a beta subunit, and two gamma subunits. The protein encoded by this gene represents the alpha subunit. [provided by RefSeq, Aug 2011]

Protein Families: Transmembrane

Protein Pathways: Asthma, Fc epsilon RI signaling pathway

Product images:



Purified recombinant protein FCER1A was analyzed by SDS-PAGE gel and Coomossie Blue Staining.