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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FCER1A (Human) Recombinant Protein (P01)

Catalog Number: H00002205-P01

Regulation Status: For research use only (RUO)

Product Description: Human FCER1A full-length ORF (AAH05912.1, 1 a.a. - 257 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAPAMESPTLLCVALLFFAPDGVLAVPQKPKVSLNPP
WNRIFKGENVTLCNGNFFFEVSSTKWFHNGSLSEET
NSSLNIVNAKFEDSGEYKQCQHQVNESEPVYLEVFS
D WLLQASAEVVMQPLFLRCHGWRNWDVYKVIYYK
DGEALKYWYENHNISITNATVEDSGTYCTGKVVQLD
YESEPLNITVIKAPREKYWLQFFIPLLVLFAVDTGLFIS
TQQQVTFLLKIKRTRKGRLLNPHPKPNPKNN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 54.01

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2205

Gene Symbol: FCER1A

Gene Alias: FCE1A, FcERI

Gene Summary: The IgE receptor plays a central role in

allergic disease, coupling allergen and mast cell to initiate the inflammatory and immediate hypersensitivity responses that are characteristic of disorders such as hay fever and asthma. The allergic response occurs when 2 or more high-affinity IgE receptors are crosslinked via IgE molecules that in turn are bound to an allergen (antigen) molecule. A perturbation occurs that brings about the release of histamine and proteases from the granules in the cytoplasm of the mast cell and leads to the synthesis of prostaglandins and leukotrienes--potent effectors of the hypersensitivity response. The IgE receptor consists of 3 subunits: alpha, beta (MIM 147138), and gamma (MIM 147139); only the alpha subunit is glycosylated.[supplied by OMIM]