

Recombinant Human MS4A2 Protein, DYKDDDDK-tagged

Cat. No. MS4A2-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human membrane spanning 4-domains A2(MS4A2) protein, transcript variant 1(NM_000139), with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	High affinity receptor that binds to the Fc region of immunoglobulins epsilon. Aggregation of FCER1 by multivalent antigens is required for the full mast cell response, including the release of preformed mediators (such as histamine) by degranulation and de novo production of lipid mediators and cytokines. Also mediates the secretion of important lymphokines. Binding of allergen to receptor-bound IgE leads to cell activation and the release of mediators responsible for the manifestations of allergy.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.10, without any preservatives.
Molecular Mass	26.4 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and

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protein-protein interaction studies.

GENE INFORMATION

Gene Name [MS4A2 membrane-spanning 4-domains, subfamily A, member 2 \[Homo sapiens \]](#)

Official Symbol [MS4A2](#)

Synonyms MS4A2; membrane-spanning 4-domains, subfamily A, member 2; APY, FCER1B, IgE responsiveness (atopic) , IGER, membrane spanning 4 domains, subfamily A, member 2 (Fc fragment of IgE, high affinity I, receptor for; beta polypeptide); high affinity immunoglobulin epsilon receptor subunit beta; Fc fragment of IgE; high affinity I; receptor for; beta polypeptide; MS4A1; igE Fc receptor subunit beta; high affinity IgE receptor beta subunit; immunoglobulin E receptor, high affinity, beta polypeptide; Fc fragment of IgE, high affinity I, receptor for; beta polypeptide; High affinity immunoglobulin epsilon receptor beta-subunit (FcERI) (IgE Fc receptor, beta-subunit) (Fc epsilon receptor I beta-chain); APY; IGEL; IGER; ATOPY; FCERI; IGHER; FCER1B;

Gene ID [2206](#)

mRNA Refseq [NM_000139](#)

Protein Refseq [NP_000130](#)

MIM [147138](#)

UniProt ID [Q01362](#)

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