

Recombinant Human MS4A7 protein, His-tagged

Cat. No. MS4A7-3330H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MS4A7 protein(1-240 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-240 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MLLQSQTMGVSHSFTPKGITIPQREKPGHMYQNEDYLQNGLPETTTLGTVQILCCL LISSLGAILVFAPYP SHFNPAISTTLMMSGYPFLGALCFGITGSLSIISGKQSTKPFDLSSL TSNAVSSVTAGAGLFLADSMVALRTASQHCGSEMDYLSSLPYSEYYYPIYEIKDCLL TSVSLTGVLVVMLIFTVLELLLAAYSSVFWWKQLYSNNPGSSFSSTQSQDHIQQVKK SSSRSWI
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name MS4A7 membrane-spanning 4-domains, subfamily A, member 7 [Homo sapiens]

Official Symbol MS4A7

Synonyms MS4A7; membrane-spanning 4-domains, subfamily A, member 7; membrane-spanning 4-domains subfamily A member 7; CD20L4; CFFM4; MS4A8; CD20 antigen-like 4; four-span transmembrane protein 2; CD20/Fc-epsilon-RI-beta family member 4; high affinity immunoglobulin epsilon receptor beta subunit; 4SPAN2; MGC22368;

Gene ID 58475

mRNA Refseq NM_021201

Protein Refseq NP_067024

MIM 606502

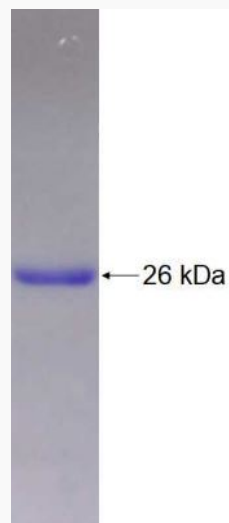
UniProt ID Q9GZW8

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SDS-PAGE



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