

Recombinant Human MS4A7 protein, GST-tagged

Cat. No. MS4A7-1053H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MS4A7 protein(1-240 aa), fused with N-terminal GST 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 8.0). 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 100 mM reduced glutathione (GSH).
AASequence	MLLQSQTMGVSHSFTPKGITIPQREKPGHMYQNEDYLQNGLP TETTTLGTVQILCCL LISSLGAILVFAPYPSHFNP AISTTLMMSGYPFLGALCFGITGSLSIISGKQSTKPFDLSSL TSNAVSSVTAGAGLFL LADSMVALRTASQHC GSEMDYLSSLPYSEYYYYPIYEIKDCLL TSVSLTGVLVVMLIFTVLELLLAAYSSVFWWKQLYSNNPGSSFSSTQSQDHIQQVKK SSSRSWI
Purity	80%, 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

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repeat freeze-thaw cycles.

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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