

Active Recombinant Dog MS4A1 protein, His-tagged(Nanodisc)

Cat. No. MS4A1-6579D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog MS4A1 protein(Q3C2E2-1)(Met 1 - Pro 297) is expressed from HEK293 with His tag.
Species	Dog
Source	HEK293
ProteinLength	Met 1 - Pro 297
Form	Supplied as 0.2 µm filtered solution in 20 mM HEPES, 150 mM NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Canine CD20 Full Length Protein, His Tag at 5 µg/mL (100 µL/well) can bind Anti-Dog CD20 Antibody, Rabbit IgG with a linear range of 5-78.
Molecular Mass	The protein migrates as 25 kDa and 40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. The membrane scaffold protein (MSP1D1) has calculated MW of 24.7 kDa, and it migrates as 25 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>80% as determined by SDS-PAGE.

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Storage	This product is stable after storage at: The product MUST be stored at -70°C or lower upon receipt; -70°C for 3 months under sterile conditions.
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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GENE INFORMATION

Gene Name	MS4A1 membrane-spanning 4-domains, subfamily A, member 1 [<i>Canis lupus familiaris</i>]
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Official Symbol	MS4A1
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Synonyms	MS4A1; membrane-spanning 4-domains, subfamily A, member 1; B-lymphocyte antigen CD20; membrane-spanning 4-domains subfamily A member 1; CD20;
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Gene ID	485430
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mRNA Refseq	NM_001048028
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Protein Refseq	NP_001041493
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