

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Dog MS4A1 protein(Q3C2E2-1)(Met 1 - Pro 297) is expressed from HEK293 with His tag.
<b>Species</b>	Dog
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met 1 - Pro 297
<b>Form</b>	Supplied as 0.2 µm filtered solution in 20 mM HEPES, 150 mM NaCl, pH7.5 with trehalose as protectant.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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).
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>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.

**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.

## GENE INFORMATION

**Gene Name** MS4A1 membrane-spanning 4-domains, subfamily A, member 1 [ *Canis lupus familiaris* ]

**Official Symbol** MS4A1

**Synonyms** MS4A1; membrane-spanning 4-domains, subfamily A, member 1; B-lymphocyte antigen CD20; membrane-spanning 4-domains subfamily A member 1; CD20;

**Gene ID** 485430

**mRNA Refseq** NM\_001048028

**Protein Refseq** NP\_001041493

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