

Recombinant Human MS4A1 full length protein, His/Avi-tagged, Biotinylated(Nanodisc)

Cat. No. MS4A1-3932H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human MS4A1 full length protein(Nanodisc)(P11836-1)(Met 1 - Pro 297), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met 1 - Pro 297
Form	Lyophilized from 0.22 µm filtered solution in 20 mM HEPES, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	The CD20 carries a polyhistidine tag at the C-terminus followed by an Avi tag with calculated MW of 36.9 kDa and migrates as 43 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	>90% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state;

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-70°C for 3 months under sterile conditions after reconstitution.

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.

Conjugation

Biotin

GENE INFORMATION

Gene Name

MS4A1 membrane-spanning 4-domains, subfamily A, member 1 [Homo sapiens]

Official Symbol

MS4A1

Synonyms

MS4A1; membrane-spanning 4-domains, subfamily A, member 1; B1; S7; Bp35; CD20; CVID5; MS4A2; LEU-16; B-lymphocyte antigen CD20; CD20 antigen; CD20 receptor; leukocyte surface antigen Leu-16; B-lymphocyte cell-surface antigen B1; MGC3969; OTTHUMP00000236377; OTTHUMP00000236378

Gene ID

931

mRNA Refseq

NM_021950

Protein Refseq

NP_068769

MIM

118910

UniProt ID

P11836

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