

Active Recombinant Human MS4A1 Protein (Ile141-Ser188), TrxA-tagged, Biotinylated

Cat. No. MS4A1-470H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MS4A1 Protein (NP_068769.2) (Ile141-Ser188) was produced by E. coli expression system. This protein was expressed with a TrxA tag at the N-terminus. The purified protein was biotinylated in vitro.
Species	Human
Source	E.coli
ProteinLength	Ile141-Ser188
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Using the Octet RED System, the affinity constant (Kd) of CD20 Protein, Human, Recombinant (TrxA Tag), Biotinylated bound Mabthera was 0.04 μ M.
Molecular Mass	The recombinant human MS4A1 consists of 218 amino acids and predicts a molecular mass of 23.9 kDa.
Purity	> 80 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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; CD20; B-lymphocyte antigen CD20; B1; Bp35; MS4A2; CD20 antigen; CD20 receptor; leukocyte surface antigen Leu-16; B-lymphocyte cell-surface antigen B1; S7; CVID5; LEU-16; MGC3969;

Gene ID

931

mRNA Refseq

NM_021950

Protein Refseq

NP_068769

MIM

112210

UniProt ID

P11836

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