

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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ile141-Ser188
<b>Form</b>	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Using the Octet RED System, the affinity constant (Kd) of CD20 Protein, Human, Recombinant (TrxA Tag), Biotinylated bound Mabthera was 0.04 $\mu$ M.
<b>Molecular Mass</b>	The recombinant human MS4A1 consists of 218 amino acids and predicts a molecular mass of 23.9 kDa.
<b>Purity</b>	> 80 % as determined by SDS-PAGE
<b>Storage</b>	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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