

Active Recombinant Human MS4A1 Protein, Fc-tagged, FITC conjugated

Cat. No. MS4A1-17HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC conjugated recombinant human MS4A1 (Ile 141 – Tyr 184) fused with Fc fragment of human IgG1 tag at N-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	Ile141-Tyr184
Form	Lyophilized
Bio-activity	Validated Rituximab binding in the SPR assay (Biacore T100) with the KD of 0.2 μ M.
Molecular Mass	Has a calculated MW of 32.6 kDa. Protein migrates as 42 kDa in reduced SDS-PAGE due to glycosylation.
Endotoxin	< 1.0 EU/ μ g of the rhCD20 by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm

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Emission Wavelength: 535 nm

Storage

Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4-8 centigrade); After reconstitution under sterile conditions for 1 month (4-8 centigrade) or 3 months (-20 to -70 centigrade).

Storage Buffer

Lyophilized from 0.22 µm filtered solution in 50 mM tris, 100 mM glycine, pH7.5. Normally Mannitol or Trehalose are added as protectants before lyophilization.

Conjugation

FITC

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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