

## 32-13325: MS4A1 Human

**Alternative Name :** MS4A1, B1, Bp35, CD20, CVID5, LEU-16, MS4A2, S7, B-lymphocyte surface antigen B1, Leukocyte surface antigen Leu-16, Membrane-spanning 4-domains subfamily A member 1.

### Description

Source: Sf9, Insect cells.

Sterile Filtered colorless solution.

MS4A1 is an activated-glycosylated phosphoprotein expressed on the surface of all B-cells. The expression begins at the pro-B phase and until maturity the concentration increases in order to allow optimal B-cell immune response, specifically against T-independent antigens. MS4A1 takes part in the microenvironmental interactions of B cells and also in the regulation of B-cell activation and proliferation. MS4A1 also plays a role as a calcium channel in the cell membrane.

MS4A1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 97 amino acids (210-297a.a.) and having a molecular mass of 11.1kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). MS4A1 is fused with a 9 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

### Product Info

<b>Amount :</b>	1 µg / 5 µg
<b>Purification :</b>	Greater than 90% as determined by SDS-PAGE.
<b>Content :</b>	MS4A1 protein solution (0.5 mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	ADPGIVENEW KRTCSRPKSN IVLLSAEEKK EQTIEIKEEV VGLTETSSQP KNEEDIEIIP IQEEEEETE TNFPEPPQDQ ESSPIENDSS PHHHHHH.