

# Recombinant Cynomolgus MS4A1 Protein, His-tagged, Alexa Fluor 488 conjugated

**Cat. No.** MS4A1-62CAF488    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 488 conjugated recombinant Cynomolgus MS4A1 (F7D2Q2) (Glu213-Pro297), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
<b>Species</b>	Monkey
<b>Source</b>	HEK293
<b>ProteinLength</b>	96
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant cynomolgus CD20 comprises 96 amino acids and has a calculated molecular mass of 11.2 kDa. The apparent molecular mass of it is approximately 24-27 and 18 kDa in SDS-PAGE under reducing conditions.
<b>N-terminal Sequence Analysis</b>	Glu 213
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	(97.6+1.4) % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer

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	Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 488

## GENE INFORMATION

<b>Gene Name</b>	MS4A1membrane-spanning 4-domains, subfamily A, member 1 [Macaca fascicularis(crab-eating macaque) ]
<b>Official Symbol</b>	MS4A1
<b>Gene ID</b>	102118491
<b>mRNA Refseq</b>	NM_001287312
<b>Protein Refseq</b>	NP_001274241

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