

# Recombinant Cynomolgus MS4A1 Protein, His-tagged, Alexa Fluor 555 conjugated

**Cat. No.** MS4A1-62CAF555    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 555 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 555 via amines  
 With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

**Stability** Samples are stable for up to 12 months from date of receipt at -70 centigrade.

**Storage** 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.

**Storage Buffer** Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.

**Reconstitution** 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.

**Conjugation** Alexa Fluor 555

## GENE INFORMATION

**Gene Name** MS4A1membrane-spanning 4-domains, subfamily A, member 1 [Macaca fascicularis(crab-eating macaque) ]

**Official Symbol** MS4A1

**Gene ID** 102118491

**mRNA Refseq** NM\_001287312

**Protein Refseq** NP\_001274241

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