

# 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                                                                                                                                                                                           |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                       | <p>Labeled with Alexa Fluor 488 via amines</p> <p>Excitation Wavelength: 488 nm</p> <p>Emission Wavelength: 515-545 nm</p>                                                |
| <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                                                                                        |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA