

# Recombinant Human MS4A7 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** MS4A7-2384H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | MS4A7 MS Standard C13 and N15-labeled recombinant protein (NP_996822) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | This gene encodes a member of the membrane-spanning 4A gene family, members of which are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns in hematopoietic cells and nonlymphoid tissues. This family member is associated with mature cellular function in the monocytic lineage, and it may be a component of a receptor complex involved in signal transduction. This gene is localized to 11q12, in a cluster of other family members. At least four alternatively spliced transcript variants encoding two distinct isoforms have been observed. |
| <b>Molecular Mass</b>   | 26.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MLLQSQTMGVSHSFTPKGITIPQREKPGHMYQNEDYLQNGLPTEITVLGTVQILCCL<br>LISSLGAILVFAPYP SHFNPAISTTLMMSGYPFLGALCFGITGSLSIISGKQSTKPFDLSSL<br>TNAVSSVTAGAGLFLADSMVALRTASQHCGSEMDYLSSLPYSEYYYYPIYEIKDCLL<br>TSVSLTGVLVVMLIFTVLELLLAAYSSVFWWKQLYSNNPGSSFSSTQSQDHIQQVKK<br>SSSRSWITRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                                                                                                                                                                                                                                                                  |

 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

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

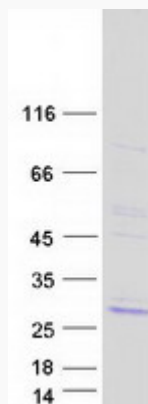
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | MS4A7 membrane spanning 4-domains A7 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                     |
| <b>Official Symbol</b> | MS4A7                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | MS4A7; membrane-spanning 4-domains, subfamily A, member 7; membrane-spanning 4-domains subfamily A member 7; CD20L4; CFFM4; MS4A8; CD20 antigen-like 4; four-span transmembrane protein 2; CD20/Fc-epsilon-RI-beta family member 4; high affinity immunoglobulin epsilon receptor beta subunit; 4SPAN2; MGC22368; |
| <b>Gene ID</b>         | 58475                                                                                                                                                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_206939                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_996822                                                                                                                                                                                                                                                                                                         |
| <b>MIM</b>             | 606502                                                                                                                                                                                                                                                                                                            |

 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

**UniProt ID****Q9GZW8****SDS-PAGE** 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