

## Product datasheet for PH312066

### MS4A7 (NM\_206939) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	MS4A7 MS Standard C13 and N15-labeled recombinant protein (NP_996822)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212066
Predicted MW:	26.1 kDa
Protein Sequence:	>RC212066 protein sequence Red=Cloning site Green=Tags(s)  MLLQSQTMGVSHSFTPKGITIPQREKPGHMYQNEDYLQNLPTETTVLGTVQILCCLLISSLGAILVFAP YPSHFNPAISTTLMSGYPFLGALCFGITGSLIISGKQSTKPFDLSSLTSNAVSSVTAGAGLFLADSMV ALRTASQHCSEM DYLSSLPYSEYYPIYEIKDCLLTSVSLTGVLVVMLIFTVLELLLAAYSSVFWWKQL YSNPNPGSSFSSTQSDHIQQVKKSSRSWI  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_996822</a>
RefSeq Size:	2976
RefSeq ORF:	720
Synonyms:	4SPAN2; CD20L4; CFFM4; MS4A8
Locus ID:	58475
UniProt ID:	<a href="#">Q9GZW8</a> , <a href="#">A0A024R556</a>



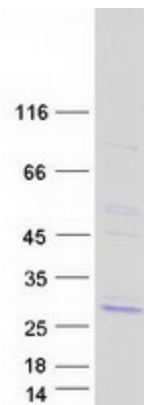
[View online »](#)

**Cytogenetics:** 11q12.2

**Summary:** 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. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transmembrane

**Product images:**



Coomassie blue staining of purified MS4A7 protein (Cat# [TP312066]). The protein was produced from HEK293T cells transfected with MS4A7 cDNA clone (Cat# [RC212066]) using MegaTran 2.0 (Cat# [TT210002]).