



# Human MS4A1 peptide (a.a. 165-184) (DAG-P0326)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein. [provided by RefSeq, Jul 2008]
<b>Specificity</b>	Expressed on B-cells.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the MS4A family.
<b>Molecular Weight</b>	2799 Da
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MS4A1 membrane-spanning 4-domains, subfamily A, member 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	MS4A1
<b>Synonyms</b>	MS4A1; membrane-spanning 4-domains, subfamily A, member 1; B1; S7; Bp35; CD20; CVID5; MS4A2; LEU-16; B-lymphocyte antigen CD20; CD20 antigen; CD20 receptor; leukocyte surface antigen Leu-16; B-lymphocyte cell-surface antigen B1;
<b>Entrez Gene ID</b>	<a href="#">931</a>
<b>mRNA Refseq</b>	<a href="#">NM_021950.3</a>
<b>Protein Refseq</b>	<a href="#">NP_068769.2</a>
<b>UniProt ID</b>	P11836
<b>Chromosome Location</b>	11q12
<b>Pathway</b>	Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem;
<b>Function</b>	MHC class II protein complex binding; epidermal growth factor receptor binding;