



# Human SPPL2B peptide (DAG-P1143)

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 GXGD family of aspartic proteases. The GXGD proteases are transmembrane proteins with two conserved catalytic motifs localized within the membrane-spanning regions. This enzyme localizes to endosomes, lysosomes, and the plasma membrane. It cleaves the transmembrane domain of tumor necrosis factor alpha to release the intracellular domain, which triggers cytokine expression in the innate and adaptive immunity pathways. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Conjugate</b>	Unconjugated
<b>Format</b>	Liquid
<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="#">SPPL2B signal peptide peptidase like 2B [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SPPL2B
<b>Synonyms</b>	SPPL2B; signal peptide peptidase like 2B; IMP4; PSH4; PSL1; IMP-4; signal peptide peptidase-like 2B; SPP-like 2B; intramembrane protease 4; presenilin-like protein 1; presenilin homologous protein 4;
<b>Entrez Gene ID</b>	<a href="#">56928</a>
<b>mRNA Refseq</b>	<a href="#">NM_001077238.1</a>

<b>Protein Refseq</b>	<a href="#">NP_001070706.1</a>
<b>UniProt ID</b>	Q8TCT7
<b>Chromosome Location</b>	19p13.3
<b>Function</b>	aspartic endopeptidase activity, intramembrane cleaving; NOT aspartic endopeptidase activity, intramembrane cleaving; protein binding; protein homodimerization activity;