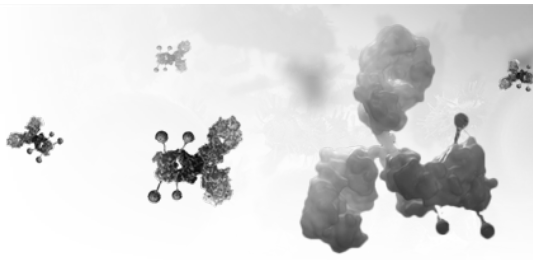

Human TMEM27 peptide (DAG-P1263)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a type 1 transmembrane protein that is important for trafficking amino acid transporters to the apical brush border of proximal tubules. The encoded protein binds to amino acid transporters and regulates their expression on the plasma membrane. It also plays a role in controlling insulin exocytosis by regulating formation of the SNARE (soluble N-ethylmaleimide-sensitive-factor attachment protein receptor) complex in pancreatic beta cells. The extracellular domain of the encoded protein may be cleaved and shed from the plasma membrane specifically in pancreatic beta cells. [provided by RefSeq, Jun 2013]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	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

Gene Name	TMEM27 transmembrane protein 27 [Homo sapiens (human)]
Official Symbol	TMEM27
Synonyms	TMEM27; transmembrane protein 27; NX17; NX-17; collectrin; kidney-specific membrane protein;
Entrez Gene ID	57393
mRNA Refseq	NM_020665.5

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Protein Refseq	NP_065716.1
UniProt ID	Q9HBJ8
Chromosome Location	Xp22
Function	metallopeptidase activity; peptidyl-dipeptidase activity; protein binding;

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