



Human ANO1 peptide (DAG-P1217)

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

PRODUCT INFORMATION

Antigen Description	Acts as a calcium-activated chloride channel. Required for normal tracheal development.
Specificity	Broadly expressed with higher levels in liver and skeletal muscle.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the anoctamin family.
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	ANO1 anoctamin 1, calcium activated chloride channel [Homo sapiens (human)]
Official Symbol	ANO1
Synonyms	ANO1; anoctamin 1, calcium activated chloride channel; DOG1; TAOS2; ORAOV2; TMEM16A; anoctamin-1; Ca2+-activated Cl- channel; oral cancer overexpressed 2; tumor-amplified and overexpressed sequence 2; discovered on gastrointestinal stromal tumors protein 1; transmembrane protein 16A (eight membrane-spanning domains);
Entrez Gene ID	55107
mRNA Refseq	NM_018043.5

Protein Refseq	NP_060513.5
UniProt ID	Q5XXA6
Chromosome Location	11q13.3
Pathway	Ion channel transport, organism-specific biosystem; Stimuli-sensing channels, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	intracellular calcium activated chloride channel activity; intracellular calcium activated chloride channel activity; intracellular calcium activated chloride channel activity; protein binding;