

Recombinant Human ANO6, GST-tagged

Cat. No. ANO6-9683H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANO6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-294a.a.
Description	This gene encodes a multi-pass transmembrane protein that belongs to the anoctamin family. This protein is an essential component for the calcium-dependent exposure of phosphatidylserine on the cell surface. The scrambling of phospholipid occurs in various biological systems, such as when blood platelets are activated, they expose phosphatidylserine to trigger the clotting system. Mutations in this gene are associated with Scott syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	ANO6 anoctamin 6 [Homo sapiens]
Official Symbol	ANO6
Synonyms	ANO6; anoctamin 6; TMEM16F, transmembrane protein 16F; anoctamin-6; DKFZp313M0720; transmembrane protein 16F; SCTS; BDPLT7; TMEM16F; MGC104751;
Gene ID	196527
mRNA Refseq	NM_001025356
Protein Refseq	NP_001020527
MIM	608663
UniProt ID	Q4KMQ2
Chromosome Location	12q12-q13.11
Function	chloride channel activity; ion channel activity;