

Recombinant Human ANO6 Protein, His-tagged

Cat. No. ANO6-340H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANO6(Ala744~Asn824) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala744~Asn824
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	13.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 93%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

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

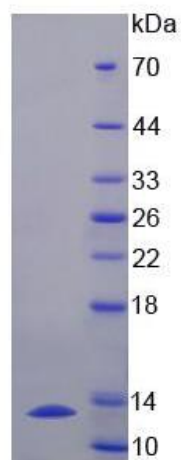
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UniProt ID

Q4KMQ2



15% SDS-PAGE

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