

Recombinant Human ANO6 Protein, His-tagged

ANO6-340H Human

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.

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.

Source E. coli

Species Human

Tag His

Form PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Molecular Mass 13.2kDa

Protein length Ala744~Asn824

Endotoxin <1.0EU per 1µg (determined by the LAL method)

Purity >93%

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](#)

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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](#)

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