

Anoctamin 2 Recombinant Protein | ANO2 recombinant protein

Recombinant Anoctamin 2 (ANO2)

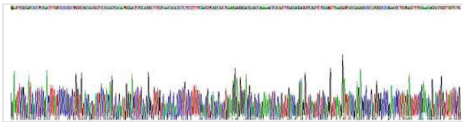
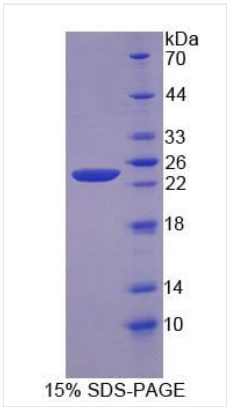
CATALOG # AAA145932	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Anoctamin 2; Recombinant Anoctamin 2 (ANO2); TMEM16B; C12orf3; Transmembrane Protein 16B(Eight Membrane-Spanning Domains); ANO2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for ANO2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala823~Val1003
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.9
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree C 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.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

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      AITSDFIP  RLVYQYSYSH  NGTLHGFMNH
TLSFFNVSQL  KEGTQENSQ  FDQEVQFCRF  KDYREPPWAP  NPYEFSKQYN
FILSARLAFV  IIFQNLVMFL  SVLVDMIPD  IPTDISDQIK  KEKSLLVDFE
LKEEHEKLKL  MDEPALRSPG  GGDRSRRAA  SSAPSGQSGL  GSMMSGSQH
TNV

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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	515870521
NCBI GeneID	57101
NCBI Accession #	NP_001265526.1
NCBI GenBank Nucleotide #	NM_001278597.1
Molecular Weight	Predicted Molecular Mass: 24.4kDa Accurate Molecular Mass: 24kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	anoctamin-2 isoform 2
NCBI Official Synonym Full Names	anoctamin 2
NCBI Official Symbol	ANO2
NCBI Official Synonym Symbols	C12orf3; TMEM16B
NCBI Protein Information	anoctamin-2
UniProt Protein Name	Anoctamin-2
UniProt Gene Name	ANO2
UniProt Synonym Gene Names	C12orf3; TMEM16B
UniProt Entry Name	ANO2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.