

## Recombinant Human ANO2 protein, His & T7-tagged

Cat. No. ANO2-8014H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ANO2 aa. (Ala823~Val1003 (Accession # Q9NQ90)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala823~Val1003
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 24.4kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>90%
<b>Characteristic</b>	The isoelectric point is 6.0.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage Buffer**

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 24.4kDa 0.01% sarcosyl, 5% trehalose, and preservative.

**Reconstitution**

Reconstitute in sterile ddH<sub>2</sub>O.

## GENE INFORMATION

**Gene Name**

[ANO2 anoctamin 2 \[ Homo sapiens \(human\) \]](#)

**Official Symbol**

[ANO2](#)

**Synonyms**

C12orf3; TMEM16B; anoctamin 2, calcium activated chloride channel; transmembrane protein 16B (eight membrane-spanning domains); anoctamin-2

**Gene ID**

[57101](#)

**mRNA Refseq**

[NM\\_001278596.1](#)

**Protein Refseq**

[NP\\_001265525.1](#)

**UniProt ID**

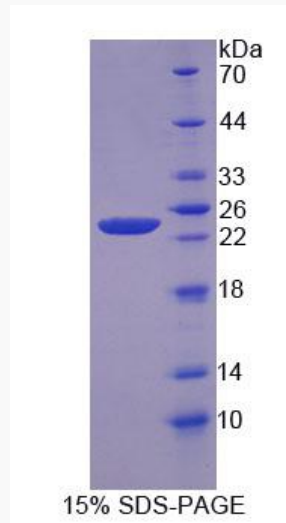
[Q9NQ90](#)

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**SDS-PAGE**



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