

Recombinant Human AQP11 Protein, His-tagged

Cat. No. AQP11-234H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AQP11 Protein (Met1-Glu271) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Glu271
Description	Enables glycerol channel activity and water channel activity. Involved in several processes, including glycerol transport; hydrogen peroxide transmembrane transport; and protein homooligomerization. Located in cell surface; endoplasmic reticulum; and plasma membrane.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.9 kDa Accurate Molecular Mass: 34 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

 Tel: 1-631-559-9269 1-516-512-3133

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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.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[AQP11 aquaporin 11 \[Homo sapiens \(human\) \]](#)

Official Symbol

[AQP11](#)

Synonyms

AQP11; aquaporin 11; AQPX1; aquaporin-11; AQP-11

Gene ID

[282679](#)

mRNA Refseq

[NM_173039](#)

Protein Refseq

[NP_766627](#)

MIM

[609914](#)

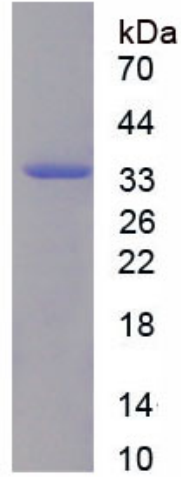
UniProt ID

[Q8NBQ7](#)

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