

Recombinant Rabbit AQP1 protein, His & T7-tagged

Cat. No. AQP1-2601R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit AQP1 aa. (Val78~Phe229 (Accession# G1TN20)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rabbit
Source	E.coli
ProteinLength	Val78~Phe229
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.9.
Applications	SDS-PAGE; WB; ELISA; IP
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°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.

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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 PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

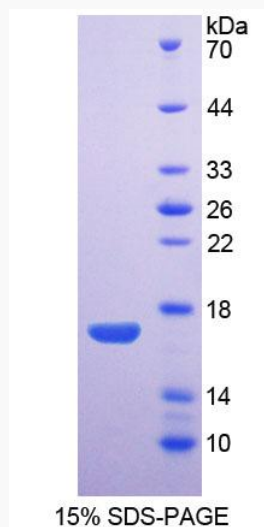
Gene Name	AQP1 aquaporin 1 (Colton blood group) [<i>Oryctolagus cuniculus</i> (rabbit)]
Official Symbol	AQP1
Synonyms	AQP1; aquaporin-1;
Gene ID	100008839
mRNA Refseq	XM_017344416.1
Protein Refseq	XP_017199905.1
UniProt ID	G1TN20

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SDS-PAGE



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