

Recombinant Mouse Aqp9 protein, His-tagged

Cat. No. Aqp9-39M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Aqp9(Glu4~Asn285) fused with Hs tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Glu4~Asn285
Description	This gene encodes a member of the aquaglyceroporin subfamily of aquaporins. This protein transports water, glycerol, urea, purines and pyrimidines and plays a role in glycerol metabolism and osteoclast differentiation. Alternative splicing results in multiple transcript variants.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	34.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

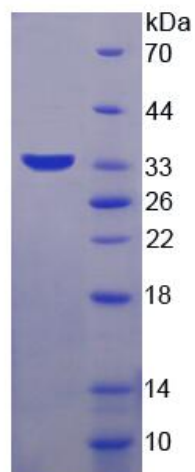
GENE INFORMATION

Gene Name	Aqp9 aquaporin 9 [Mus musculus]
Official Symbol	Aqp9
Synonyms	AQP9; aquaporin 9; aquaporin-9; AQP-9; aquaglyceroporin-9; AI266899; 1700020I22Rik;
Gene ID	64008
mRNA Refseq	NM_022026
Protein Refseq	NP_071309
UniProt ID	Q9JJJ3

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