

Recombinant Mouse Aqp9 Protein, Myc/DDK-tagged

Cat. No. Aqp9-1672M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length aquaporin 9 (cDNA clone MGC:35844 IMAGE:5096952), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	20.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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



GENE INFORMATION

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

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