

Recombinant Mouse Aqp1 Protein, Myc/DDK-tagged

Cat. No. Aqp1-1670M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length aquaporin 1 (Aqp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Forms a water-specific channel that provides the plasma membranes of red cells and kidney proximal tubules with high permeability to water, thereby permitting water to move in the direction of an osmotic gradient.
Molecular Mass	29.2 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.

GENE INFORMATION

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Gene Name	Aqp1 aquaporin 1 [Mus musculus (house mouse)]
Official Symbol	Aqp1
Synonyms	AQP1; aquaporin 1; aquaporin-1; DER2; AQP-1; aquaporin-CHIP; delayed early response protein 2; growth factor-induced delayed early response protein; water channel protein for red blood cells and kidney proximal tubule; CHIP28
Gene ID	11826
mRNA Refseq	NM_007472
Protein Refseq	NP_031498
UniProt ID	Q02013

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