

## Recombinant Mouse Aqp1 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length aquaporin 1 (Aqp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	29.2 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">Aqp1 aquaporin 1 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Aqp1</a>
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">11826</a>
<b>mRNA Refseq</b>	<a href="#">NM_007472</a>
<b>Protein Refseq</b>	<a href="#">NP_031498</a>
<b>UniProt ID</b>	<a href="#">Q02013</a>

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