

# Recombinant Mouse Aqp4 Full Length Transmembrane protein

**Cat. No.** Aqp4-1048M    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Aqp4 protein(P55088)(1-323aa) was expressed in in vitro E. coli expression system.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-323aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	34.8 kDa
<b>AA Sequence</b>	MSDGAAARRWGKCGHSCSRESIMVAFKGVWTQAFWKAVSAEFLATLIFVLLGVGS TINWGGSENPLPVDMVLISLCFGLSIATMVQCFGHISGGHINPAVTVAMVCTRKISIAK SVFYIIAQCLGAIIGAGILYLVTPPSVVGGLGVTTVHGNLTAGHGLLVELIITFQLVFTIF ASCDSKRTDVTGSIALAIGFSVAIGHLFAINYTGASMNPARSFGPAVIMGNWANHWIY WVGPIMGAVLAGALYEVFCPDVELKRRLKEAFSKAAQQTKGSYMEVEDNRSQVE TEDLILKPGVVHVIDIDRGEEKKGKDSSGEVLSSV
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.

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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

## GENE INFORMATION

**Gene Name** [Aqp4 aquaporin 4 \[ Mus musculus \]](#)

**Official Symbol** [Aqp4](#)

**Synonyms** AQP4; aquaporin 4; aquaporin-4; AQP-4; mercurial-insensitive water channel; WCH4;

**Gene ID** [11829](#)

**mRNA Refseq** [NM\\_009700](#)

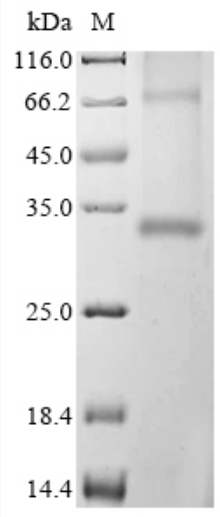
**Protein Refseq** [NP\\_033830](#)

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**SDS-PAGE**



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