

Recombinant Mouse Aqp4 Full Length Transmembrane protein, His-tagged

Cat. No. Aqp4-1049M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Aqp4 protein(P55088)(1-323aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Mouse
Source	E.coli
ProteinLength	1-323aa
Form	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.
Molecular Mass	40.5 kDa
AA Sequence	MSDGAAARRWGKCGHSCSRESIMVAFKGVWTQAFWKAVSAEFLATLIFVLLGVGS TINWGGSENPLPVDMLISLCFGLSIATMVQCFGHISGGHINPAVTVMVCTRKISIAK SVFYIIAQCLGAIIGAGILYLVTPPSVVGGLGVTTVHGNLTAGHGLLVELIITFQLVFTIF ASCDKRTDVTGSIALAIGFSVAIGHLFAINYTGASMNPARSFGPAVIMGNWANHWIY WVGPIMGAVLAGALYEYVFCPDVELKRRLKEAFSKAAQQTKGSYMEVEDNRSQVE TEDLILKPGVVHVIDIDRGEEKKGKDSSGEVLSSV
Purity	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

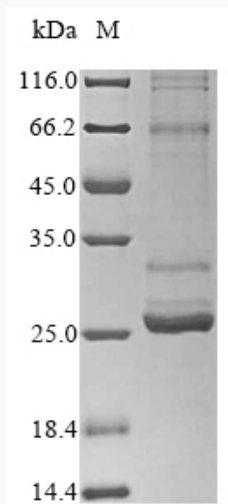
Protein Refseq

NP_033830

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SDS-PAGE

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