

Recombinant Mouse Aqp4 Full Length Transmembrane protein

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

SPECIFICATION

Product Overview	Recombinant Mouse Aqp4 protein(P55088)(1-323aa) 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	34.8 kDa
AA Sequence	MSDGAAARRWGKCGHSCSRESIMVAFKGVWTQAFWKAVSAEFLATLIFVLLGVGS TINWGGSENPLPVDMVLISLCFGLSIATMVQCFGHISGGHINPAVTVMVCTRKISIAK SVFYIIAQCLGAIIGAGILYLVTPPSVVGGLGVTTVHGNLTAGHGLLVELIITFQLVFTIF ASCD SKRTDVTGSIALAIGFSVAIGHLFAINYTGASMNPARSFGPAVIMGNWANHWIY WVGPIMGAVLAGALYEVFCPDVELKRRLKEAFSKAAQQTKGSYMEVEDNRSQVE TEDLILKPGVVHVIDIDRGEEKKGKDSSGEVLSSV
Purity	Greater than 85% as determined by SDS-PAGE.

 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

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple 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

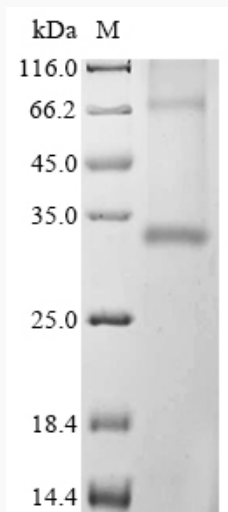
Protein Refseq

NP_033830

 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

SDS-PAGE

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