

Recombinant Full Length Mouse Aquaporin-12(Aqp12) Protein, His-Tagged

Cat. No. RFL34746MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Aquaporin-12(Aqp12) Protein (Q8CHJ2) (1-290aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-290)
Form	Lyophilized powder
AA Sequence	MASLNVS L C F F F A T C A I C E V A R R A S K A L L P A G T Y A S F A R G A V G A A Q L A A C C L E M R V L V E L G P W A G G F G P D L L L T L V F L L F L V H G V T F D G A S A N P T V A L Q E F L M V E A S L P N T L L K L S A Q V L G A Q A A C A L T Q R C W A W E L S E L H L L Q S L M A A H C S S T L R T S V L Q G M L V E G A C T F F F H L S L L H L Q H S L L V Y R V P A L A L L V T L M A Y T A G P Y T S A F F N P A L A A S V T F H C P G N T L L E Y A H V Y C L G P V A G M I L A V L L H Q G H L P R L F Q R N L F Y R Q K S K Y R T P R G K L S P G S V D A K M H K G E
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION**Gene Name**

Aqp12

Synonyms

Aqp12; Aquaporin-12; AQP-12

UniProt ID

[Q8CHJ2](#)

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