

Recombinant Full Length Milnesium Tardigradum Aquaporin-1(Aqp1) Protein, Tag-Free

Cat. No. RFL29573MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Milnesium tardigradum Aquaporin-1(AQP1) Protein (G5CTF8) (1-333aa) was expressed in E. coli.
Species	Milnesium tardigradum (Water bear) (Tardigrade)
Source	E.coli
ProteinLength	Full Length (1-333)
Form	Lyophilized powder
AA Sequence	MQKMSEKPLYRAAENPTRNADRRAGRFEELISKTRHPDMVIQFQDDADDQHT SHYEGNWRHYFHKKLHIKNRLIRDWLSESLAMFLFMSLLLGAATAHFTGKQDDPM LTAVFHGFSAVFGIYVGAGVSGGIINPALTFVALLGRVSWRKCLVLVSAQYFGSFIA SAVVYLIYYESLQNYAKTADDNGEFLQKTAGIWSTFPKPYLSMTGAIFNQIFCTMLLSI GFLSISDHKNFRPTKGLFPFAVGLLIMTVFLAFSYSAGAAMNPARDLSPRLWSLIIGY GNEVFSHNDYKWFIPWLPYVGALFGAVMYQIFVGVHWPDKQSTKR Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request.
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.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid 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	AQP1
Synonyms	AQP1Aquaporin-1; AQP-1
UniProt ID	G5CTF8

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