

Recombinant Full Length *Saccharomyces Cerevisiae* Aquaporin-Like Protein 2(Aqy2-2) Protein, Tag-Free

Cat. No. RFL31454SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Saccharomyces cerevisiae</i> Aquaporin-like protein 2(AQY2-2) Protein (A7A0K8) (1-149aa) was expressed in <i>E. coli</i> .
Species	<i>S.cerevisiae</i>
Source	<i>E.coli</i>
ProteinLength	Full Length (1-149)
Form	Lyophilized powder
AA Sequence	MSNESNDLEKNISHLDPTGVDNAYIPPEQPETKHSRNFNIDRDLRNHFIAAVGEFCGT FMFLWCAYVICNVANHDVALTTEPEGSHPGQLIMIALGFGFSVMFSIWCFWWGFEP SRFSLFVFGQSHLTSQMCSDEVSSDHCWDGCWWCR 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.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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	AQY2-2
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Synonyms	AQY2-2; SCY_3532Aquaporin-like protein 2; Truncated aquaporin-2
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UniProt ID	A7A0K8
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