

Recombinant Full Length *Xenopus laevis* Magnesium Transporter Protein 1 (Magt1) Protein, His-Tagged

Cat. No. RFL25959XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus laevis</i> Magnesium transporter protein 1 (magt1) Protein (Q63ZR0) (24-329aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus laevis</i>
Source	<i>E. coli</i>
Protein Length	Full Length of Mature Protein (24-329)
Form	Lyophilized powder
AA Sequence	QKKKEMVLSDKVGQLMDWASKRPVIRMNGDKFRRFIKSPPRNYSVVVMFTALQAH RQCVV CKQADEEYQILANSWRYSSAFTNRIFFAVVDFDEGSDVFMNLMNSAPTFI NFPPKGKPK KGDYELQVRGFAAEQLARWVADRTDVNIRVIRPPNYAGPLMLGLLL AVIGGLVYLRRSN LDFLNNKTGWALAALCFVLAMTSGQMWNHIRGPPYAHKNPHT NQVNYIHGSSQAQFVAET HIVLLFNGAVTLGMVLLHEAATSDLDVVGKRKIMCIAGITL VVIFFSWLLSVFRSKYHGYP YSFLMT
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

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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 magt1

Synonyms magt1; Magnesium transporter protein 1; MagT1; Dolichyl-diphosphooligosaccharide-protein glycosyltransferase subunit MAGT1; Oligosaccharyl transferase subunit MAGT1

UniProt ID [Q63ZR0](#)

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