

Recombinant Full Length Mouse Magnesium Transporter Protein 1(Magt1) Protein, His-Tagged

Cat. No. RFL27058MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Magnesium transporter protein 1(Magt1) Protein (Q9CQY5) (30-335aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mus musculus
Source	E.coli
ProteinLength	Full Length of Mature Protein (30-335)
Form	Lyophilized powder
AA Sequence	QRKKEMVLSEKVSQLMEWANKRPVIRMNGDKFRRLVKAPPRNYSVVVMFTALQLH RQCVCV CKQADEEFQILANSWRYRNAFTNRIFAMVDFDEGSDVVFQMLNMNSAPTFI NFPPKGKPK RADTYELQVRGFSAEQIARWIADRTDVNIRVIRPPNYAGPLMLGLLLA VIGGLVYLRRSN MEFLFNKTGWAFALCFVLAMTSGQMWNHIRGPPYAHKNPHTG HVNYIHGSSQAQFVAET HIVLLFNGGVTLGMVLLCEAATSDMDIGKRRMMCIAGIGL VVLFFSWMLSIFRSKYHGYP YSFLMS
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 Magt1

Synonyms Magt1; lag2; Magnesium transporter protein 1; MagT1; Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit MAGT1; Oligosaccharyl transferase subunit MAGT1; Implantation-associated protein; IAP

UniProt ID [Q9CQY5](#)

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