

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

Cat. No. RFL700RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Magnesium transporter protein 1(Magt1) Protein (O35777) (30-335aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (30-335)
Form	Lyophilized powder
AA Sequence	Q R K K E K V L V E K V I Q L M E W T N Q R P V I R M N G D K F R P L V K A P P R N Y S V I V M F T A L Q L H R Q C V V C K Q A D E E F Q I L A N F W R Y S S A F T N R I F F A M V D F D E G S D V F Q M L N M N S A P T F I N F P P K G K P K R A D T Y E L Q V R G F S A E Q I A R W I A D R T D V N I R V I R P P N Y A G P L M L G L L L A V I G G L V Y L R R S N M E F L F N K T G W A F A A L C F V L A M T S G Q M W N H I R G P P Y A H K N P H T G H V N Y I H G S S Q A Q F V A E T H I V L L F N G G V T L G M V L L C E A A S D M D I G K R R M M C I A G I G L V V L F F S W M L S I F R S K Y H G Y P Y S F L M S
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	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	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	O35777