

## Recombinant Rat Magt1 protein, His/SUMO-tagged

Cat. No. Magt1-16R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Magt1(30-335 aa) fused with His/SUMO tag at N-terminal was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	30-335 aa
<b>Description</b>	Magt1 played an important role in many functions.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>AA Sequence</b>	<p>QRKKEKVLVEKVIQLMEWTNQRPVIRMNGDKFRPLVKAPPRNYSVIVMFTALQLHR            QCVV CKQADEEFQILANFWRYSSAFTNRIFAMVDFDEGSDVFQMLNMNSAPTFIN            FPPKGKPK RADTYELQVRGFSAEQIARWIADRTDVNIRVIRPPNYAGPLMLGLLLAVI            GGLVYLRRSN MEFLFNKTGWAFALCFVLAMTSGQMWNHIRGPPYAHKNPHTGH            VNYIHGSSQAQFVAET HIVLLFNGGVTLGMVLLCEAAASDMDIGKRRMMCIAGIGLV            VLFFSWMLSIFRSKYHGYP YSFLMS</p>
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	Store at -20 centigrade, for extended storage, conserve at -20 centigrade or -80 centigrade.

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## GENE INFORMATION

**Gene Name** [Magt1 magnesium transporter 1 \[ Rattus norvegicus \]](#)

**Official Symbol** [Magt1](#)

**Synonyms** [MAGT1](#); magnesium transporter 1; magnesium transporter protein 1; IAP; implantation-associated protein; lag2;

**Gene ID** [116967](#)

**mRNA Refseq** [NM\\_053946](#)

**Protein Refseq** [NP\\_446398](#)

**UniProt ID** [O35777](#)

**Chromosome Location** Xq22

**Function** magnesium ion transmembrane transporter activity;

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