

## Recombinant Human MMGT1, His tagged

**Cat. No.** MMGT1-205H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MMGT1 (NP_775741.1) (Glu66-Arg131), fused with an N-terminal polyhistidine tag, was produced in Human Cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	66-131 a.a.
<b>Predicted N Terminal</b>	His
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human MMGT1 comprises 86 amino acids and has a predicted molecular mass of 10.1 kDa. The apparent molecular mass of the protein is approximately 23-29 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage** Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [MMGT1 membrane magnesium transporter 1 \[ Homo sapiens \]](#)

**Official Symbol** MMGT1

**Gene ID** [93380](#)

**mRNA Refseq** [NM\\_173470.1](#)

**Protein Refseq** [NP\\_775741.1](#)

**UniProt ID** [Q8N4V1](#)

**Chromosome Location** Xq26.3

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