

Recombinant Human MMGT1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MMGT1 protein(NP_775741.1) (Glu66-Arg131) was expressed in HEK293, with an N-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	66-131 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 of

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0.2 ug/ul. 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

Synonyms EMC5; TMEM32

Gene ID 93380

mRNA Refseq NM_173470.1

Protein Refseq NP_775741.1

UniProt ID Q8N4V1

SDS-PAGE



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