

Recombinant Human MMGT1 protein, His-tagged

Cat. No. MMGT1-035H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMGT1 protein(65-131 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	65-131 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	GEFKDMDATSELKNKTFDLRNHPSFYVFNHRGRVLFPSDTANSSNQDALSSNTSLKLRKLESLRR
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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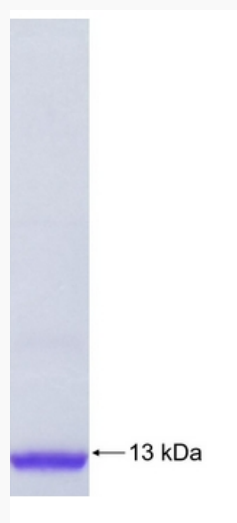
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GENE INFORMATION

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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