

Recombinant Full Length Human MTG1 Protein, GST-tagged

Cat. No. MTG1-6503HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MTG1 full-length ORF (AAH35721.1, 1 a.a. - 300 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	300 amino acids
Description	MTG1 (Mitochondrial Ribosome Associated GTPase 1) is a Protein Coding gene. GO annotations related to this gene include GTP binding and GTPase activity. An important paralog of this gene is ENSG00000254536.
Molecular Mass	59.8 kDa
AA Sequence	MAKGLKKMQSSLKLVDCIIEVHDARIPLSGRNPLFQETLGLKPHLLVLNKMDDLADLTE QQKIMQHLEGEGLKNVIFTNCVKDENVKQIIPMVTTELIGRSHRYHRKENLEYCIMVIG VPNVGKSSLINSLRRQHLRKGKATRVGGEPGITRAVMSKIQVSERPLMFLLDTPGV LPRIESVETGLKLALCGTVLDHLVGEETMADYLLYTLNKHQRFQYVQHYGLGSACD NVERVLKSVAVKLGKTQKVKVLGTGTGNVNVIQPNYPAAARDFLQTFRRGLLGSVML DLDVLRGHPPAETLP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MTG1 mitochondrial GTPase 1 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	MTG1
Synonyms	MTG1; mitochondrial GTPase 1 homolog (<i>S. cerevisiae</i>); GTP binding protein 7 , GTP binding protein 7 (putative) , GTPBP7; mitochondrial GTPase 1; GTP-binding protein 7 (putative); GTP; GTPBP7; RP11-108K14.2;
Gene ID	92170
mRNA Refseq	NM_138384
Protein Refseq	NP_612393
UniProt ID	Q9BT17

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