

Recombinant Full Length Human MGC40069 Protein, GST-tagged

Cat. No. MGC40069-6408HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MGC40069 full-length ORF (AAH32242, 1 a.a. - 128 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	128 amino acids
Description	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein that belongs to the L32 ribosomal protein family. A pseudogene corresponding to this gene is found on chromosome Xp
Molecular Mass	39.82 kDa
AA Sequence	MLLELIPLLLGIHFVLRRTARAQSVTQPDIIHITVSEGASLELRCNYSYGATPYLFWMERT

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	VEEAFILLVCLKPWRVASSLEKKEKEDESFQLLGSRYNVLEAHCLLPLIRWLTSGDSL LLSAQPHCPQEL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production 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	MGC40069 uncharacterized protein MGC40069 [Homo sapiens (human)]
Official Symbol	MGC40069
Synonyms	MGC40069; uncharacterized protein MGC40069
Gene ID	348035