

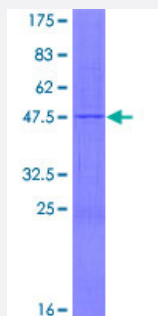
Full-Length

MRPL17 (Human) Recombinant Protein (P01)

Catalog # H00063875-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MRPL17 full-length ORF (NP_071344.1, 1 a.a. - 175 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRLSVAAAISHGRVFRMGLGPESRIHLLRNLLTGLVRHERIEAPWARVDEMGRGYAEKLIDYGKLG DTNERAMRMADFWLTEKDLIPKLFQVLAPRYKDQTGGYTRMLQIPNRS�DRAKMAVIEYKGNCLP PLPLPRRDSHLTLLNQLLQGLRQDLRQSQEASNHSSHTAQTPGI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	46.5
Interspecies Antigen Sequence	Mouse (85)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MRPL17

Entrez GeneID [63875](#)**GeneBank Accession#** [NM_022061.2](#)**Protein Accession#** [NP_071344.1](#)**Gene Name** MRPL17**Gene Alias** L17mt, LIP2, MRP-L17, MRP-L26, RPL17L, RPML26**Gene Description** mitochondrial ribosomal protein L17**Gene Ontology** [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations 39S ribosomal protein L17, mitochondrial|LYST-interacting protein LIP2