

Recombinant Human MRPL34 Protein, GST-tagged

Cat. No. MRPL34-5577H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MRPL34 full-length ORF (NP_076426.1, 1 a.a. - 92 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq]
Molecular Mass	36.6 kDa
AA Sequence	MAVLGSLGPTSRSAALLGGRWLQPRAWLGFPDAWGLPTPQQARGKARGNEYQ PSNIKRKNKHGWVRLSTPAGVQVILRRMLKGRKSLSH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

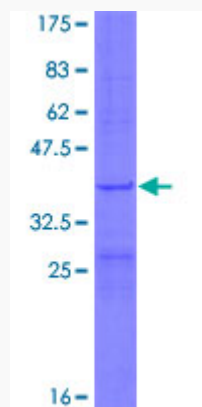
GENE INFORMATION

Gene Name	MRPL34 mitochondrial ribosomal protein L34 [Homo sapiens]
Official Symbol	MRPL34
Synonyms	L34mt; MRPL34; mitochondrial ribosomal protein L34
Gene ID	64981
mRNA Refseq	NM_023937
Protein Refseq	NP_076426
MIM	611840
UniProt ID	Q9BQ48

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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