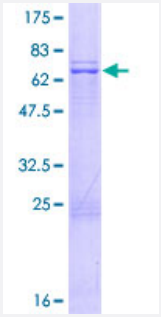
Full-Length

MRPS35 (Human) Recombinant Protein (P01)

Catalog # H00060488-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MRPS35 full-length ORF (NP_068593.2, 1 a.a. - 323 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAAALPAWLSLQSRARTLRAFSTAVYSATPVPTPSLPERTPGNERPPRRKALPPRTEKMAVDQ DWPSVYPVAAPFKPSAVPLPVRMGYPVKKGVPMAKEGNLELLKIPNFLHLTPVAIKKHCEALKDF CTEWPAALDSDEKCEKHFPIEIDSTDYVSSGPSVRNPRARVVVLRVKLSSLNLDDHAKKKLIKLV GERYCKTTDVLTIKTDRCPLRRQNYDYAVYLLTVLYHESWNTEEWEKSKTEADMEEYIWENSSSE RNILETLLQMKAAEKNMEINKEELLGTKEIEEYKKSVVSLKNEEENENSISQYKESVKRLLNVT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	63.2
Interspecies Antigen Sequence	Mouse (76); Rat (77)
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 — MRPS35

Entrez GeneID	60488
GeneBank Accession#	NM_021821.2
Protein Accession#	NP_068593.2
Gene Name	MRPS35
Gene Alias	DKFZp762P093, HDCMD11P, MDS023, MGC104278, MRP-S28, MRPS28
Gene Description	mitochondrial ribosomal protein S35
Gene Ontology	Hyperlink
Gene Summary	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein s ynthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28 S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition co mpared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mam malian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among diff erent species, the proteins comprising the mitoribosome differ greatly in sequence, and sometim es in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein that has had confusing nomenclature in the literature. Pseudogene s corresponding to this gene are found on chromosomes 3p, 5q, and 10q. [provided by RefSeq
Other Designations	mitochondrial ribosomal protein S28