Recombinant Human MRPS27 Protein, GST-tagged

Cat. No. MRPS27-5616H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MRPS27 full-length ORF (AAH30521, 51 a.a. - 168 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 28S subunit protein that may be a functional partner of the death associated protein 3 (DAP3). [provided by RefSeq
Molecular Mass	38.72 kDa
AA Sequence	SEEQSQNDEDNQGSEKLVEQLDIEETEQSKLPQYLERFKALHSKLQALGKIESEGLL SLTTQLVKEKLSTCEAEDIATYEQNLQQWHLDLVQLIQREQQQREQAKQEYQAQKA AKASA
Applications	Enzyme-linked Immunoabsorbent Assay

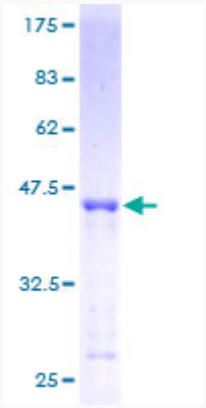
Tel: 1-631-559-9269 1-516-512-3133
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45-1 Ramsey Road, Shirley, NY 11967, USA

	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	MRPS27 mitochondrial ribosomal protein S27 [Homo sapiens]
Official Symbol	MRPS27
Synonyms	MRPS27; mitochondrial ribosomal protein S27; 28S ribosomal protein S27, mitochondrial; KIAA0264; mitochondrial 28S ribosomal protein S27; S27mt; MRP-S27; FLJ21764; FLJ23348; FLJ38645;
Gene ID	23107
mRNA Refseq	NM_015084
Protein Refseq	NP_055899
MIM	611989
UniProt ID	Q92552

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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