

## Recombinant Human ribosomal protein L35, His-tagged

Cat. No. RPL35-613H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	RPL35, 1-123aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-123 a.a.
<b>Description</b>	<p>Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPL35 is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L29P family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Recombinant human RPL35 protein, fused to His-tag at N-terminus, was expressed in E.coli.</p>
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
<b>Molecular Mass</b>	16.9 kDa (146aa)
<b>AA Sequence</b>	<p>MGSSHHHHHH SSGLVPRGSH MGSMAMIKAR DLRGKKKEEL LKQLDDLKVE            LSQLRVAKVT GGAASKLSKI RVVRKSIARV LTVINQTKQKE NLRKFYKGGK            YKPLDLRPPK TRAMRRRLNK HEENLTKKKQ QRKERLYPLR KYAVKA</p>

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<b>Purity</b>	>80% by SDS - PAGE
<b>Storage</b>	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	0.25 mg/ml (determined by Bradford assay)
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	RPL35 ribosomal protein L35 [ Homo sapiens (human) ]
<b>Official Symbol</b>	RPL35
<b>Synonyms</b>	RPL35; L35; ribosomal protein L35; 60S ribosomal protein L35
<b>Gene ID</b>	<a href="#">11224</a>
<b>mRNA Refseq</b>	<a href="#">NM_007209</a>
<b>Protein Refseq</b>	<a href="#">NP_009140</a>
<b>UniProt ID</b>	<a href="#">P42766</a>
<b>Chromosome Location</b>	9q34.1
<b>Pathway</b>	Cap-dependent Translation Initiation; Eukaryotic Translation Initiation; GTP hydrolysis and joining of the 60S ribosomal subunit
<b>Function</b>	mRNA binding; poly(A) RNA binding; structural constituent of ribosome

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