Recombinant Human ribosomal protein L35, His-tagged

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

SPECIFICATION

Product Overview	RPL35, 1-123aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-123 a.a.
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Molecular Mass	16.9 kDa (146aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAKIKAR DLRGKKKEEL LKQLDDLKVE LSQLRVAKVT GGAASKLSKI RVVRKSIARV LTVINQTQKE NLRKFYKGKK YKPLDLRPKK TRAMRRRLNK HEENLKTKKQ QRKERLYPLR KYAVKA

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>80% by SDS - PAGE
Storage	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.
Concentration	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	RPL35 ribosomal protein L35 [Homo sapiens (human)]
Official Symbol	RPL35
Synonyms	RPL35; L35; ribosomal protein L35; 60S ribosomal protein L35
Gene ID	11224
mRNA Refseq	NM_007209
Protein Refseq	NP_009140
UniProt ID	P42766
Chromosome Location	9q34.1
Pathway	Cap-dependent Translation Initiation; Eukaryotic Translation Initiation; GTP hydrolysis and joining of the 60S ribosomal subunit
Function	mRNA binding; poly(A) RNA binding; structural constituent of ribosome

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