Recombinant Human ribosomal protein L22, His-tagged

Cat. No. RPL22-248H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RPL22, 1-128aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-128 a.a.
Description	RPL22 is a cytoplasmic ribosomal protein that is a component of the 60S subunit. The protein belongs to the L22E family of ribosomal proteins. Its initiating methionine residue is post-translationally removed. The protein can bind specifically to Epstein-Barr virus-encoded RNAs (EBERs) 1 and 2. Recombinant human RPL22 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT.
Molecular Mass	17 kDa (151aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAPVKKL VVKGGKKKKQ VLKFTLDCTH PVEDGIMDAA NFEQFLQERI KVNGKAGNLG GGVVTIERSK SKITVTSEVP FSKRYLKYLT KKYLKKNNLR DWLRVVANSK ESYELRYFQI NQDEEEEEDE D
Purity	>85% by SDS - PAGE

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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	RPL22 ribosomal protein L22 [Homo sapiens]
Official Symbol	RPL22
Synonyms	EAP; L22; HBP15; HBP15/L22
Gene ID	6146
mRNA Refseq	NM_000983.3
Protein Refseq	NP_000974.1
MIM	180474
UniProt ID	P35268
Chromosome Location	1p36.31
Pathway	Cap-dependent Translation Initiation, organism-specific biosystem;Cytoplasmic Ribosomal Proteins, organism-specific biosystem;Disease, organism-specific biosystem;Eukaryotic Translation Elongation, organism-specific biosystem;Eukaryotic Translation Initiation, organism-specific biosystem;Eukaryotic Translation Termination, organism-specific biosystem;Formation of a pool of free 40S subunits,

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	organism-specific biosystem;
Function	RNA binding;heparin binding;structural constituent of ribosome;

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