Recombinant Human RPL17 Protein, His-tagged

Cat. No. RPL17-266H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPL17, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L22P family of ribosomal proteins. It is located in the cytoplasm. This gene has been referred to as rpL23 because the encoded protein shares amino acid identity with ribosomal protein L23 from Halobacterium marismortui; however, its official symbol is RPL17. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring downstream C18orf32 (chromosome 18 open reading frame 32) gene.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl. Store at -80centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of produ cts under proper storage and handling conditions.

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Molecular Mass	21.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	RPL17 ribosomal protein L17 [Homo sapiens]
Official Symbol	RPL17
Synonyms	RPL17; ribosomal protein L17; 60S ribosomal protein L17; L17; rpL23; 60S ribosomal protein L23; gene encoding putative NFkB activating protein; PD-1; RPL23; FLJ18762; FLJ92089; MGC117162;
Gene ID	6139
mRNA Refseq	NM_000985
Protein Refseq	NP_000976
MIM	603661
UniProt ID	P18621

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