

Recombinant Human RPL34 Protein, GST-His-tagged

Cat. No. RPL34-273H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPL34, transcript variant 1, fused with N-terminal GST and C-terminal His 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 L34E family of ribosomal proteins. It is located in the cytoplasm. This gene originally was thought to be located at 17q21, but it has been mapped to 4q. Overexpression of this gene has been observed in some cancer cells. Alternative splicing results in multiple transcript variants, all encoding the same isoform. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	39.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	RPL34 ribosomal protein L34 [Homo sapiens]
Official Symbol	RPL34
Synonyms	L34; ribosomal protein L34; 10340; Ensembl:ENSG00000109475; MGC111005; 60S ribosomal protein L34; leukemia-associated protein; RPL34;
Gene ID	6164
mRNA Refseq	NM_000995.3
Protein Refseq	NP_000986.2
UniProt ID	P49207

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