Recombinant Human RPL28 Protein, GST-His-tagged

Cat. No. RPL28-267H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPL28, transcript variant 2, 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 L28E family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. 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 encoding distinct isoforms.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	41.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	RPL28 ribosomal protein L28 [Homo sapiens]
Official Symbol	RPL28
Synonyms	RPL28; ribosomal protein L28; 60S ribosomal protein L28; FLJ43307; L28;
Gene ID	6158
mRNA Refseq	NM_001136134
Protein Refseq	NP_001129606
MIM	603638
UniProt ID	P46779

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