

Product datasheet for PH309922

Ribosomal protein L26 (RPL26) (NM_000987) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RPL26 MS Standard C13 and N15-labeled recombinant protein (NP_000978)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209922
Predicted MW:	17.3 kDa
Protein Sequence:	>RC209922 protein sequence Red=Cloning site Green=Tags(s) MKFNPFVTSDRSKNRKRHFNAPSHIRRKIMSSPLSKELRQKYNVRSMPIRKDDEVQVVRGHYKGGQIGKV VQVYRKKYVIYIERVQREKANGTTVHVGIHPSKVVITRLKLDKDRKKILERKAKSRQVGKEKGYKEETI EKMQE TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_000978</u>
RefSeq Size:	602
RefSeq ORF:	435
Synonyms:	DBA11; L26
Locus ID:	6154
UniProt ID:	<u>P61254</u>



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Cytogenetics: 17p13.1

Summary: 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 L24P 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. Mutations in this gene result in Diamond-Blackfan anemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]

Protein Pathways: Ribosome

Product images:



Coomassie blue staining of purified RPL26 protein (Cat# [TP309922]). The protein was produced from HEK293T cells transfected with RPL26 cDNA clone (Cat# [RC209922]) using MegaTran 2.0 (Cat# [TT210002]).