Product datasheet for PH310613

Mitochondrial ribosomal protein L11 (MRPL11) (NM_170738) Human Mass Spec Standard

Product data:

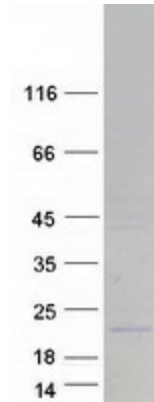|	
Product Type:	Mass Spec Standards
Description:	MRPL11 MS Standard C13 and N15-labeled recombinant protein (NP_733934)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210613
Predicted MW:	18 kDa
Protein Sequence:	>RC210613 representing NM_170738 Red=Cloning site Green=Tags(s) MSKLGRAARGLRKPERGVSINQFCKEFNERTKDIKEGIPLPTKILVKPDRTFEIKIGQPTVSYFLKAAAG IEKGARQTGKEVAGLVTLKHVYEIARIKAQDEAFALQDVPLSSVVRSIIGSARSLGIRVVKDLSSEELAA FQKERAIFLAAQKEADLAAQEEAAKK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_733934
RefSeq Size:	762
RefSeq ORF:	498
Synonyms:	CGI-113; L11MT; MRP-L11
Locus ID:	65003
UniProt ID:	Q9Y3B7

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Cytogenetics:	11q13.2
Summary:	This nuclear gene encodes a 39S subunit component of the mitochondial ribosome. Alternative splicing results in multiple transcript variants. Pseudogenes for this gene are found on chromosomes 5 and 12. [provided by RefSeq, May 2014]

Product images:

Coomassie blue staining of purified MRPL11 protein (Cat# [TP310613]). The protein was produced from HEK293T cells transfected with MRPL11 cDNA clone (Cat# [RC210613]) using MegaTran 2.0 (Cat# [TT210002]).