

Product datasheet for PH300033

Mitochondrial ribosomal protein L11 (MRPL11) (NM_016050) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MRPL11 MS Standard C13 and N15-labeled recombinant protein (NP_057134)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200033
Predicted MW:	20.7 kDa
Protein Sequence:	>RC200033 protein sequence Red=Cloning site Green=Tags(s) MSKLGRAARGLRKPEVGGVIRAIVRAGLAMPGPPLGPVLGQRGVSINQFCKEFNERTKDIKEGIPLPTKI LVKPDRTFEIKIGQPTVSYFLKAAAGIEKGARQTGKEVAGLVTLKHVYEIARIKAQDEAFALQDVPLSSV VRSIIGSARSLGIRVVKDLSSEELAAAFQKERAIFLAAQKEADLAAQEEAAKK 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- 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:	NP_057134
RefSeq Size:	1622
RefSeq ORF:	576
Synonyms:	CGI-113; L11MT; MRP-L11
Locus ID:	65003
UniProt ID:	Q9Y3B7

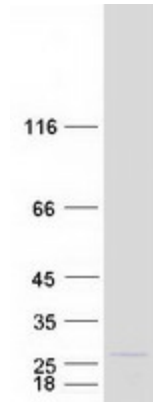


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Cytogenetics: 11q13.2

Summary: This nuclear gene encodes a 39S subunit component of the mitochondrial 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# [TP300033]). The protein was produced from HEK293T cells transfected with MRPL11 cDNA clone (Cat# [RC200033]) using MegaTran 2.0 (Cat# [TT210002]).