

Product datasheet for PH303989

RCL (DNPH1) (NM_006443) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C6orf108 MS Standard C13 and N15-labeled recombinant protein (NP_006434)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203989
Predicted MW:	19.1 kDa
Protein Sequence:	>RC203989 protein sequence Red =Cloning site Green =Tags(s) MAAAMVPGRSESWERGEPGRPALYFCGSIRGGREDRTL YERIVSRLRRFGTVL TEHVAAAELGARGEEAA GGDRLIHEQDLEWLQQADVVAEVTQPSLGVGYELGRAVAFNKRILCLFRPQSGRVL SAMIRGAADGSRF QVWDYEEGEVEALLDRYFEADPPGQVAASPDPTT TR TRPLEQKLISEEDLAANDILDYKDDDDKV
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_006434
RefSeq Size:	662
RefSeq ORF:	522
Synonyms:	C6orf108; dj330M21.3; RCL
Locus ID:	10591
UniProt ID:	O43598

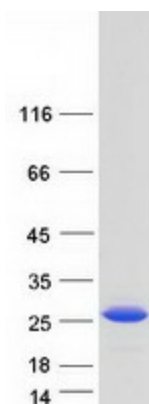


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Cytogenetics: 6p21.1

Summary: This gene was identified on the basis of its stimulation by c-Myc protein. The latter is a transcription factor that participates in the regulation of cell proliferation, differentiation, and apoptosis. The exact function of this gene is not known but studies in rat suggest a role in cellular proliferation and c-Myc-mediated transformation. Two alternative transcripts encoding different proteins have been described. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified DNPH1 protein (Cat# [TP303989]). The protein was produced from HEK293T cells transfected with DNPH1 cDNA clone (Cat# [RC203989]) using MegaTran 2.0 (Cat# [TT210002]).