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Product datasheet for PH309596

RD3 (NM_183059) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RD3 MS Standard C13 and N15-labeled recombinant protein (NP_898882)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209596
Predicted MW:	22.7 kDa
Protein Sequence:	>RC209596 protein sequence Red=Cloning site Green=Tags(s) MSLISWLRWNEAPSRLSTRSPAEMVLETLMMELTGQMREAERQQRERSNAVRKVCTGVDYSWLASTPRST YDLSPIERLQLEDVCVKIHPSYCGPAILRFRQLLAEQEPEVQEVSQLFRSVLQEVLERMKQEEEAHKLTR QWSLRPRGSLATFKTRARISPFASDIRTISEDVERDTPPPLRSWSMPEFRAPKAD 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_898882
RefSeq Size:	4290
RefSeq ORF:	585
Synonyms:	C1orf36; LCA12
Locus ID:	343035
UniProt ID:	Q7Z3Z2

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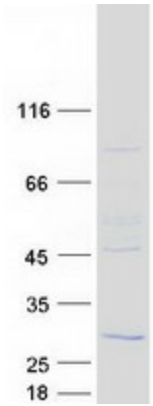
Cytogenetics: 1q32.3

Summary: This gene encodes a retinal protein that is associated with promyelocytic leukemia-gene product (PML) bodies in the nucleus. Mutations in this gene cause Leber congenital amaurosis type 12, a disease that results in retinal degeneration. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009]

Product images:



Coomassie blue staining of purified RD3 protein (Cat# [TP309596]). The protein was produced from HEK293T cells transfected with RD3 cDNA clone (Cat# [RC209596]) using MegaTran 2.0 (Cat# [TT210002]).