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Product datasheet for PH300295

KBTBD10 (KLHL41) (NM_006063) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KBTBD10 MS Standard C13 and N15-labeled recombinant protein (NP_006054)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200295
Predicted MW:	68 kDa
Protein Sequence:	>RC200295 protein sequence Red=Cloning site Green=Tags(s) MDSQRELAEELRLYQSTLLQDGLKDLLDEKKFIDCTLKAGDKSLPCHRLILSACSPYFREYFLSEIDEAK KKEVVLDNVDPAILDLIIKYLYSASIDLNDGNVQDIFALASRFQIPSVFTVCVSYLQKRLAPGNCLAILR LGLLLDCPRLAISAREFVSDRFVQICKEEDFMQLSPQELISVISNDSLNVEKEEAVFEAVMKWVRTDKEN RVKNLSEVFDCIRFRLMTEKYFKDHVEKDDIIKSNPDLQKKIKVLKDAFAGKLPEPSKNAAKTGAGEVNG DVGDEDLLPGYLNDIPRHGMFVKDLILLVNDTAAVAYDPTENECYLTALAEQIPRNHSSIVTQQNQIYVV GGLYVDEENKDQPLQSYFFQLDSIASEWVGLPPLPSARCLFGLGEVDDKIYVVAGKDLQTEASLDSVLCY DPVAAKWNEVKKLPIKVYGHNVISHKGMIYCLGGKTDDKKCTNRVFIFNPKKGDWKDLAPMKIPRSMFGV AVHKGKIVIAGGVTEDGLSASVEAFDLTTNKWDVMTEFPQERSSISLVSLAGSLYAIGGFAMIQLESKEF APTEVNDIWKYEDDKKEWAGMLKEIRYASGASCLATRLNLFKLSKL 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_006054
RefSeq Size:	2472
RefSeq ORF:	1818

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Synonyms: KBTBD10; Krp1; SARCOSIN

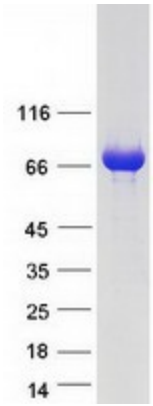
Locus ID: 10324

UniProt ID: O60662

Cytogenetics: 2q31.1

Summary: This gene is a member of the kelch-like family. The encoded protein contains a BACK domain, a BTB/POZ domain, and 5 Kelch repeats. This protein is thought to function in skeletal muscle development and maintenance. Mutations in this gene have been associated with nemaline myopathy (NM), a rare congenital muscle disorder. [provided by RefSeq, Mar 2015]

Product images:



Coomassie blue staining of purified KLHL41 protein (Cat# [TP300295]). The protein was produced from HEK293T cells transfected with KLHL41 cDNA clone (Cat# [RC200295]) using MegaTran 2.0 (Cat# [TT210002]).