Recombinant Human KLHL41 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KLHL41-2318H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KBTBD10 MS Standard C13 and N15-labeled recombinant protein (NP_006054) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	68 kDa
AA Sequence	MDSQRELAEELRLYQSTLLQDGLKDLLDEKKFIDCTLKAGDKSLPCHRLILSACSPYF REYFLSEIDEAKKKEVVLDNVDPAILDLIIKYLYSASIDLNDGNVQDIFALASRFQIPSVF TVCVSYLQKRLAPGNCLAILRLGLLLDCPRLAISAREFVSDRFVQICKEEDFMQLSPQ ELISVISNDSLNVEKEEAVFEAVMKWVRTDKENRVKNLSEVFDCIRFRLMTEKYFKD HVEKDDIIKSNPDLQKKIKVLKDAFAGKLPEPSKNAAKTGAGEVNGDVGDEDLLPGY LNDIPRHGMFVKDLILLVNDTAAVAYDPTENECYLTALAEQIPRNHSSIVTQQNQIYVV GGLYVDEENKDQPLQSYFFQLDSIASEWVGLPPLPSARCLFGLGEVDDKIYVVAGK DLQTEASLDSVLCYDPVAAKWNEVKKLPIKVYGHNVISHKGMIYCLGGKTDDKKCTN RVFIFNPKKGDWKDLAPMKIPRSMFGVAVHKGKIVIAGGVTEDGLSASVEAFDLTTN

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	KWDVMTEFPQERSSISLVSLAGSLYAIGGFAMIQLESKEFAPTEVNDIWKYEDDKKE WAGMLKEIRYASGASCLATRLNLFKLSKLTRTRPLEQKLISEEDLAANDILDYKDDDD KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	KLHL41 kelch like family member 41 [Homo sapiens (human)]
Official Symbol	KLHL41
Synonyms	KLHL41; kelch like family member 41; Krp1; KBTBD10; SARCOSIN; kelch-like protein 41; kel-like protein 23; kelch repeat and BTB (POZ) domain containing 10; kelch-related protein 1; sarcomeric muscle protein
Gene ID	10324
mRNA Refseq	NM_006063
Protein Refseq	NP_006054

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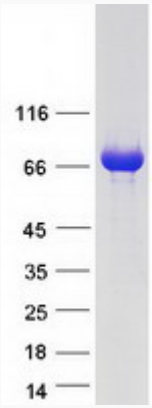
MIM	607701
UniProt ID	O60662
SDS-PAGE	

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