

Recombinant Full Length Human KLHL41 Protein, C-Flag-tagged

Cat. No. KLHL41-1596HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human KLHL41 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	67.9 kDa
AA Sequence	MDSQRELAEEELRLYQSTLLQDGLKDLLDEKKFIDCTLKAGDKSLPCHRLILSACSPYF REYFLSEIDEAK KKEVVLDNVDPAILDLIKYLYSASIDLNDGNVQDIFALASRFQIPSV FTVCVSYLQKRLAPGNCLAILR LGLLLDCPRLAISAREFVSDRFVQICKEEDFMQLSP QELISVISNDSL NVEKEEAVFEAVMKWVRTDKEN RVKNLSEVFDCIRFRLMTEKYFK DHVEKDDIIKSNPDLQKKIKVLKDAFAGKLPEPSKNAAKTGAGEVNG DVGDEDLLPG YLNDIPRHGMFVKDLILLVNDTAAVAYDPTENECYLTALAEQIPRNHSSIVTQQNQIYV V GGLYVDEENKDQPLQSYFFQLDSIASEWVGLPPLPSARCLFGLGEVDDKIYVVAG KDLQTEASLDSVLCY DPVAAKWNEVKKLPIKVYGHNVISHKGMIIYCLGGKTDDKKC

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TNRVFIFNPKKGDWKLAPMKIPRSMFGV AVHKGKIVIAGGVTEDEGLSASVEAFDLT
 TNKWDVMTEFPQERSSISLVSLAGSLYAIGGFAMIQLESKEF
 APTEVNDIWKYEDDKKEWAGMLKEIRYASGASCLATRLNLFKLSKLTRTRPLEQKLIS
 EEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	KLHL41 kelch like family member 41 [Homo sapiens (human)]
Official Symbol	KLHL41
Synonyms	Krp1; KBTBD10; SARCOSIN
Gene ID	10324
mRNA Refseq	NM_006063.3

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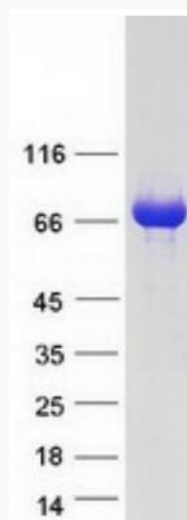
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Protein Refseq NP_006054.2

MIM 607701

UniProt ID O60662



Coomassie blue staining of purified KLHL41 protein.

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