

Recombinant Full Length Human KLHL40 Protein, C-Flag-tagged

Cat. No. KLHL40-1510HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human KLHL40 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a protein containing a BACK domain, a BTB/POZ domain, and 5 Kelch repeats, however, its exact function is not known. The gene and the multi-domain protein structure are conserved across different taxa, including primates, rodents, chicken and zebrafish.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	69.1 kDa
AA Sequence	MALGLEQAEEQRLYQQTLLQDGLKDMLDHGKFLDCVVRAGEREFPCHRVLAAACS PYFRARFLAEPERAG ELHLEEVSPDVVAQVLHYLYTSEIALDEASVQDLFAAAHRFQ IPSIFTICVSFLQKRLCLSNCLAVFRLG LLLDCARLAVAARDFICAHFTLVARDADFLG LSADELIAIISSDGLNVEKEEAVFEAVMRWAGSGDAEAQ AERQRALPTVFESVRCRL LPRAFLESRVERHPLVRAQPELLRKVQMVKDAHEGRITTLRKKKKGKDGAGA KEAD KGTSKAKAEEDDEEAERILPGILNDTLRFGMFLQDLIFMISEEGAVAYDPAANECYCAS LSSQVPKN HVSLVTKENQVFVAGGLFYNNEDNKEDPMSAYFLQFDHLDSEWLGMP LPSPRCLFGLGEALNSIYVVGGR EIKDGERCLDSVMCYDRLSFKWGESDPLPYVVY

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GHTVLSHMDLVYVIGGKGSDRKCLNKMVCYDPKKFEW KELAPMQTARSLFGATVH
 DGRIIVAAGVTDGTGLTSSAEVYSITDNKWAPFEAFPQERSLSLVSLVGTLY
 AIGGFATLETESGELVPTELNDIWRYNEEEKKWEGVLREIAYAAGATFLPVRLNVLCL
 TKMTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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	KLHL40 kelch like family member 40 [Homo sapiens (human)]
Official Symbol	KLHL40
Synonyms	NEM8; SRYP; SYRP; KBTBD5
Gene ID	131377
mRNA Refseq	NM_152393.4

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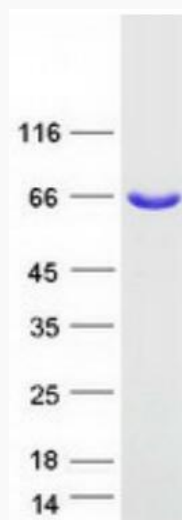
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Protein Refseq NP_689606.2

MIM 615340

UniProt ID Q2TBA0



Coomassie blue staining of purified KLHL40 protein.

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