

Recombinant Human KLHL17 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KLHL17-1168H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KLHL17 MS Standard C13 and N15-labeled recombinant protein (NP_938073) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is expressed in neurons of most regions of the brain. It contains an N-terminal BTB domain, which mediates dimerization of the protein, and a C-terminal Kelch domain, which mediates binding to F-actin. This protein may play a key role in the regulation of actin-based neuronal function.
Molecular Mass	69.7 kDa
AA Sequence	MQPRSERPAGRTQSPEHGSPGPGPEAPPPPPPQPPAPEAERTRPRQARPAAPME GAVQLLSREGHSVAHNSKRHYHDAFVAMSRMRQRGLLCDIVLHVAAKEIRAHKVVL ASCSPYFHAMFTNEMSESQRQTHVTLHDIDPQALDQLVQFAYTAEIVVGEGNVQTLLP AASLLQLNGVRDACCKFLLSQLDPSNCLGIRGFADAHSCSDLLKAAHRYVLQHFVDV AKTEEFMLLPLKQVLELVSSDSLNPSEEEVYRAVLSWVKHDVDARRQHVPRLMKC VRLPLLSRDFFLLGHVDAESLVRHHPDCKDLLIEALKFHLLPEQRGVLGTSRTRPRRC EGAGPVLFAVGGGSLFAIHGDCEAYDTRTDRWHVVASMSTRRARVGVAAVGNRLY AVGGYDGTSDLATVESYDPVTNTWQPEVSMGTRRSCLGVAALHGLLYSAGGYDGA SCLNSAERYDPLTGTWTSVAAMSTRRRYVRVATLDGNLYAVGGYDSSSHLATVEKY

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EPQVNVWSPVASMLSRSSAGVAVLEGALYVAGGNDGTSCLNSEVERYSKAGAW
 ESVAPMNIRRSTHDLVAMDGWLYAVGGNDGSSSLNSIEKYNPRTNKKWVAASCMFT
 RRSSVGVAVLELLNFPPSSPTLSVSSTSLTRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

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 KLHL17 kelch like family member 17 [Homo sapiens (human)]

Official Symbol KLHL17

Synonyms KLHL17; kelch like family member 17; kelch-like protein 17; actinfilin; kelch-like 17

Gene ID 339451

mRNA Refseq NM_198317

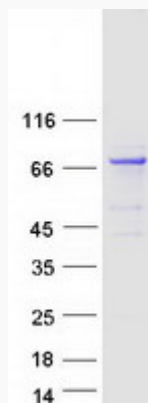
Protein Refseq NP_938073

UniProt ID Q6TDP4

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SDS-PAGE

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