Recombinant Human KLHL14 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KLHL14-2230H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KLHL14 MS Standard C13 and N15-labeled recombinant protein (NP_065856) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the Kelch-like gene family, whose members contain a BTB/POZ domain, a BACK domain, and several Kelch domains. The encoded protein possesses six Kelch domains and localizes to the endoplasmic reticulum, where it interacts with torsin-1A.
Molecular Mass	70.5 kDa
AA Sequence	MSRSGDRTSTFDPSHSDNLLHGLNLLWRKQLFCDVTLTAQGQQFHCHKAVLASCS QYFRSLFSSHPPLGGGVGGQDGLGAPKDQQQPPQQQPSQQQQPPPQEEPGTPS SSPDDKLLTSPRAINNLVLQGCSSIGLRLVLEYLYTANVTLSLDTVEEVLSVSKILHIPQ VTKLCVQFLNDQISVQNYKQVCKIAALHGLEETKKLANKYLVEDVLLLNFEEMRALLD SLPPPVESELALFQMSVLWLEHDRETRMQYAPDLMKRLRFALIPAPELVERVQSVDF MRTDPVCQKLLLDAMNYHLMPFRQHCRQSLASRIRSNKKMLLLVGGLPPGPDRLPS NLVQYYDDEKKTWKILTIMPYNSAHHCVVEVENFLFVLGGEDQWNPNGKHSTNFVS RYDPRFNSWIQLPPMQERRASFYACRLDKHLYVIGGRNETGYLSSVECYNLETNEW RYVSSLPQPLAAHAGAVHNGKIYISGGVHNGEYVPWLYCYDPVMDVWARKQDMNT

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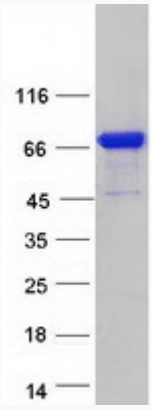
	KRAIHTLAVMNDRLYAIGGNHLKGFSHLDVMLVECYDPKGDQWNILQTPILEGRSGPGCAVLDDSIYLVGGYSWSMGAYKSSTICYCPEKGTWTELEGDVAEPLAGPACVTVILPSCVPYNKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and 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	KLHL14 kelch like family member 14 [Homo sapiens (human)]
Official Symbol	KLHL14
Synonyms	KLHL14; kelch like family member 14; kelch-like protein 14; KIAA1384; printor; protein interactor of torsinA; protein interactor of Torsin-1A;
Gene ID	57565
mRNA Refseq	NM_020805
Protein Refseq	NP_065856
MIM	613772

UniProt ID	Q9P2G3
SDS-PAGE	

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