

Recombinant Human KLHL12 protein, His&Myc-tagged

Cat. No. KLHL12-4496H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLHL12 protein(Q53G59)(1–568aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	1–568aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	70.7 kDa
AA Sequence	MGGIMAPKDIMTNTHAKSILNSMNSLRKSNTLCDVTLRVEQKDFPAHRIVLAACSDY FCAMFTSELSEKGKPYVDIQGLTASTMEILLDFVYTETVHVTENVQELLPAACLLQL KGVKQACCEFLESQLDPSNCLGIRDFAETHNCVDLMQAAEVFSQKHFPEVVQHEEF ILLSQGEVEKLIKCDIEIQVDSEEPVFEAVINWVKHAKKEREESLPNLLQYVRMPLLT RYITDVIDAEFPFIRCSLQCRDLVDEAKKFHLRPELRSQMGPRTARLGANEVLLVV GGFGSQQSPIDVVEKYDPKTQEWSFLPSITRKRRYVASVSLHDRIYVIGGYDGRSRL SSVECLDYTADEDGVWYSVAPMNVRRGLAGATTLGDMIVVSGGFDGSRRHTSMER YDPNIDQWSMLGDMQTAREGAGLVVASGVIYCLGGYDGLNILNSVEKYDPHTGHW TNVTPMATKRSGAGVALLNDHIYVVGFDGTAHLSSVEAYNIRTDSWTTVTSMTP

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	RCYVGATVLRGRLYAAGYDGNSSLSSIECYDPIIDSWEVVTSMGTQRCDAGVCVLR EK
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	KLHL12 kelch-like 12 (Drosophila) [Homo sapiens]
Official Symbol	KLHL12
Synonyms	KLHL12; kelch-like 12 (Drosophila); kelch-like protein 12; C3IP1; kelch-like protein C3IP1; CUL3-interacting protein 1; DKIR; FLJ27152;
Gene ID	59349
mRNA Refseq	NM_021633
Protein Refseq	NP_067646
MIM	614522
UniProt ID	Q53G59

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