

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 FCAMFTSELSEKGPYVDIQLTASTMEILLDFVYTETVHVTVENVQELLPAACLLQL KGVKQACCEFLESQLDPSNCLGIRDFAETHNCVDLMQAAEVFSQKHFPEVVQHEEF ILLSQGEVEKLIKCDIEIQVDSEEPVFEAVINWVKHAKKEREEESLPNLLQYVRMPLLT RYITDVIDAEPFIRCSLQCRDLVDEAKKFHLRPELRSQMGGPRTRARLGANEVLLVV GGFGSQSPIDVVEKYDPKTQEWSFLPSITRKRRYVASVSLHDRIYVIGGYDGRSRL SSVECLDYTADEDGVWYSVAPMNVRRGLAGATTLGDMIVVSGGFDGSRRTSMER YDPNIDQWSMLGDMQTAREGAGLVVASGVIYCLGGYDGLNILNSVEKYDPHTGHW TNVTPMATKRSGAGVALLNDHIYVVGFDGTAHLSSVEAYNIRTDSTWTTVTSMTP

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RCYVGATVLRGRLYAIAAGYDGNSSLSSIECYDPIIDSWEVVVTSMTQRC DAGV CVLR
EK

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple 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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