

Recombinant Human KLHL3 protein, GST-tagged

Cat. No. KLHL3-109H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLHL3 protein(1-301 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-301 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MEGESVKLSSQTLIQAGDDEKNQRTITVNP AHMGKAFKVMNELRSKQLLCDVMIVA EDVEIEAHRV VLAACSPYFCAMFTGDMSESKAKKIEIKDVDGQTL SKLIDYIYTAEIEV TEENVQVLLPAASLLQLMDVRQNCCDFLQSQLHPTNCLGIRAFADVHTCTDLLQQA NAYAEQHFPEV MLGEEFLSLSLDQVCSLISSDKLTVSSEEKVFEAVISWINY EKETRL EHMAKLMEHVRLPLLPRDYLVQTV EEEALIKNNNTCKDFLIEAMKYHLLPLDQRLLIK NPRTKPRTPVSLPK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name KLHL3 kelch-like 3 (Drosophila) [Homo sapiens]

Official Symbol KLHL3

Synonyms KLHL3; kelch-like 3 (Drosophila); kelch (Drosophila) like 3; kelch-like protein 3; KIAA1129; PHA2D; FLJ40871; MGC44594;

Gene ID 26249

mRNA Refseq NM_001257194

Protein Refseq NP_001244123

MIM 605775

UniProt ID Q9UH77

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SDS-PAGE



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