

Recombinant Human KLHL3 Protein (E2-L587), Tag Free

Cat. No. KLHL3-1239H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human (GG)-KLHL3(E2-L587 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	E2-L587
Description	Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin ligase complex that acts as a regulator of ion transport in the distal nephron. The BCR(KLHL3) complex acts by mediating ubiquitination of WNK4, an inhibitor of potassium channel KCNJ1, leading to WNK4 degradation. The BCR(KLHL3) complex also mediates ubiquitination and degradation of CLDN8, a tight-junction protein required for paracellular chloride transport in the kidney.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

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