

Recombinant Human KLHL12 Protein, GST/His-tagged

Cat. No. KLHL12-615H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human KLHL12 protein, fused to GST at N-terminus and His at C-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the KLHL (Kelch-like) family of proteins. This protein has been identified as an autoantigen in the autoimmune disease Sjogren's syndrome and as a potential biomarker in primary biliary cirrhosis. This protein may act as a substrate adaptor of the Cullin-3 ubiquitin ligase complex to promote substrate-specific ubiquitylation. Ubiquitylation by this complex has been shown to regulate the Wnt signaling pathway as well as COPII vesicle coat size. A pseudogene has been identified on chromosome 22. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014].
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.
Molecular Mass	91.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	kelch like family member 12[Homo sapiens]
Official Symbol	KLHL12
Synonyms	C3IP1; DKIR
Gene ID	59349
mRNA Refseq	NM_021633.2
Protein Refseq	NP_067646.1
MIM	614522
UniProt ID	Q53G59

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