

Recombinant Human KLHL21 protein, GST-tagged

Cat. No. KLHL21-521H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLHL21(1 a.a. - 597 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-597 a.a.
Description	KLHL21 played an important role in many functions.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	93 kDa
AA Sequence	MERPAPLAVLPFSDPAHALSLLRGLSQLRAERKFLDVTLEAAGGRDFPAHRAVLAAA SPYFRAMFAGQLRESRAE RVRLHGVPPDMLQLLLDFSYTGRVAVSGDNAEPLLRA ADLLQFPVKEACGAFLQQQLDLANCLDMQDFAEAFSC SGLASAAQRFILRHVGEL GAEQLERLPLARLLRYLRDDGLCVPKEEAAYQLALRWVRADPPRRAAHWPQLLEAV R LPFVRRFYLLAHVEAEPLVARCPPCLRLLREARDFQAARYDRHDRGPCPRMRPR PSTGLAEILVLVGGCDQDCDE LVTVDCYNPQTGWRYLAEPDHLGGGYSIVALGN DIYVTGGSDGSRLYDCVWRYNSSVNEWAEVAPMLKAREYH SSSVPDGLLYVVAAD STERYDHTTDSWEALQPMTPMDNCSTTACRGRLYAIGSLAGKETMVMQCYDPDT DLWSL VDCGQLPPWSFAPKTATLNGLMYFVRDDSAEVDVYNPTRNEWDKIPSMN QVHVGGSLAVLGGKLYVSGGYDNTFE LSDVVEAYDPETRAWSVVGRLPEPTFWH

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	GSVSIFRQFMPQTFSGGRGFELDSGSDMDPGRPRPPRDPDELH
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
GENE INFORMATION	
Gene Name	KLHL21 kelch-like 21 (Drosophila) [Homo sapiens]
Official Symbol	KLHL21
Synonyms	KLHL21; kelch-like 21 (Drosophila); kelch-like protein 21; KIAA0469; MGC99635;
Gene ID	9903
mRNA Refseq	NM_014851
Protein Refseq	NP_055666
MIM	616262
UniProt ID	Q9UJP4
Chromosome Location	1p36
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I

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MHC mediated antigen processing & presentation, organism-specific biosystem;
Immune System, organism-specific biosystem;

Function

contributes_to ubiquitin-protein ligase activity;

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