

# Recombinant Human KLHL32 protein, GST-tagged

**Cat. No.** KLHL32-301521H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KLHL32 (169-318 aa) protein, fused to GST tag, was expressed in E. coli.                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | Lys169-Ala318                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| <b>AA Sequence</b>      | KHLSSELLKSRPEEVLTLPYCLLQEVLKSDRLTSLSEEQIWQLAVRWLEHNCHYQYMD<br>ELLQYIRFGLMDVDLTHTVALSHPLVQASETATLVNEALEYHQSIYAQPVWQTRRT<br>KPRFQSDTLYIIGGKKREVCKVKELRYFNPVDQENA                                                                         |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                               |
| <b>Stability</b>        | Store for up to 12 months at -20°C to -80°C as lyophilized powder.                                                                                                                                                                     |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.   |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                                                                                        |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | KLHL32 kelch-like 32 (Drosophila) [ Homo sapiens ]                                                                                                                                                                                                                     |
| Official Symbol | KLHL32                                                                                                                                                                                                                                                                 |
| Synonyms        | KLHL32; kelch-like 32 (Drosophila); BKLHD5, BTB and kelch domain containing 5 , KIAA1900; kelch-like protein 32; BTB and kelch domain containing 5; BTB and kelch domain-containing protein 5; BKLHD5; KIAA1900; dJ21F7.1; UG0030H05; RP1-39B17.1; MGC51280; MGC87753; |
| Gene ID         | 114792                                                                                                                                                                                                                                                                 |
| mRNA Refseq     | NM_052904                                                                                                                                                                                                                                                              |
| Protein Refseq  | NP_443136                                                                                                                                                                                                                                                              |
| UniProt ID      | Q96NJ5                                                                                                                                                                                                                                                                 |

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