

## Recombinant Human KLHDC1 Protein, His-tagged

**Cat. No.** KLHDC1-2368H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KLHDC1 Protein (Met1-Asp326) with a N-His tag was expressed in E. coli.                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | Met1-Asp326                                                                                                                                                                                                    |
| <b>Description</b>      | Enables ubiquitin ligase-substrate adaptor activity. Involved in ubiquitin-dependent protein catabolic process via the C-end degron rule pathway. Is active in Cul5-RING ubiquitin ligase complex and cytosol. |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 41.1 kDa<br>Accurate Molecular Mass: 41 kDa                                                                                                                                          |
| <b>Endotoxin</b>        | <1.0 EU per 1g (determined by the LAL method).                                                                                                                                                                 |
| <b>Purity</b>           | > 95%                                                                                                                                                                                                          |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                     |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by                                                                                                                           |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in PBS or others.

## GENE INFORMATION

**Gene Name**

KLHDC1 kelch domain containing 1 [ Homo sapiens (human) ]

**Official Symbol**

KLHDC1

**Synonyms**

KLHDC1; kelch domain containing 1; kelch domain-containing protein 1; MST025; MGC126644; MGC126646;

**Gene ID**

122773

**mRNA Refseq**

NM\_172193

**Protein Refseq**

NP\_751943

**MIM**

611281

**UniProt ID**

Q8N7A1

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