

## Recombinant Human PLEKHG2 protein, His-tagged

**Cat. No.** PLEKHG2-2747H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PLEKHG2 protein(284-368 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 284-368 aa                                                                                                                                                                                                                              |
| <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, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| <b>AASequence</b>       | NTPSLSSTPTLSCDSWLQGGLQEPAEAPATRRELFSGSNPGKLGEPPSGGKAGPEE<br>DEEGVSFTDFQPQDVTQHGGFPDELAFRS                                                                                                                                               |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                   |
| <b>Reconstitution</b>   | Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution. |

 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

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PLEKHG2 pleckstrin homology domain containing, family G (with RhoGef domain) member 2 [ Homo sapiens ]                                                                                                                                                                                                                 |
| <b>Official Symbol</b> | PLEKHG2                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | PLEKHG2; pleckstrin homology domain containing, family G (with RhoGef domain) member 2; pleckstrin homology domain-containing family G member 2; ARHGEF42; CLG; FLJ00018; PH domain-containing family G member 2; common-site lymphoma/leukemia guanine nucleotide exchange factor; FLJ22458; FLJ38638; DKFZp667J2325; |
| <b>Gene ID</b>         | 64857                                                                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_022835                                                                                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>  | NP_073746                                                                                                                                                                                                                                                                                                              |
| <b>MIM</b>             | 611893                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>      | Q9H7P9                                                                                                                                                                                                                                                                                                                 |

 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

SDS-PAGE



 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