

## Recombinant Human ZC3H15 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ZC3H15-667H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ZC3H15 MS Standard C13 and N15-labeled recombinant protein (NP_060941) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | Protects DRG1 from proteolytic degradation. Stimulates DRG1 GTPase activity likely by increasing the affinity for the potassium ions.                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 48.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MPPKKQAQAGGSKKAEQKKKEKIIEDKTFGLKNKKGAKQQKFIKAVTHQVKFGQQN<br>PRQVAQSEAEKKLKKDDKKELQELNELFKPVVAAQKISKGADPKSVVCAFFKQGG<br>CTKGDCKCFSHDLTLERKCEKRSVYIDARDEELEKDTMDNWDEKKLEEVNKKHGE<br>AEKKPKTKQIVCKHFLEAIENNKYGWFWVCPGGGDCMYRHALPPGFVLKKDKKKE<br>EKEDEISLEDLIERERSALGPNVTKITLESFLAWKKRKRQEIKIDKLEQDMERRKADFK<br>AGKALVISGREVFEPPELVNDDDEEADDTRYTQGTGGDEVDDSVSVNDIDLSLYIP<br>RDVDETGITVASLERFSTYTSKDKENKLSEASGGRAENGERSDLEEDNEREGTENG<br>AIDAVPVDENLFTGEDLDELEEEELNTLDLEETRTRPLEQKLISEEDLAANDILDYKDDD<br>DKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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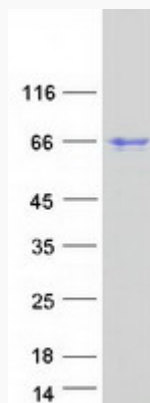
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                    |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA                                                                                                                                                                                                                                                                  |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                                                                                                                                                                                                                        |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>        | ZC3H15 zinc finger CCCH-type containing 15 [ Homo sapiens (human) ]                                                                                                                                                                                                                            |
| <b>Official Symbol</b>  | ZC3H15                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>         | ZC3H15; zinc finger CCCH-type containing 15; zinc finger CCCH domain-containing protein 15; LEREPO4; likely ortholog of mouse immediate early response; erythropoietin 4; DRG family-regulatory protein 1; likely ortholog of mouse immediate early response erythropoietin 4; HT010; MSTP012; |
| <b>Gene ID</b>          | 55854                                                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>      | NM_018471                                                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>   | NP_060941                                                                                                                                                                                                                                                                                      |
| <b>UniProt ID</b>       | Q8WU90                                                                                                                                                                                                                                                                                         |

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**SDS-PAGE**

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