

# Recombinant Human RASSF3 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** RASSF3-6690H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | RASSF3 MS Standard C13 and N15-labeled recombinant protein (NP_835463) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | The RAS oncogene is mutated in nearly one-third of all human cancers. Members of the RAS superfamily are plasma membrane GTP-binding proteins that modulate intracellular signal transduction pathways. A subfamily of RAS effectors, including RASSF3, share a RAS association (RA) domain.    |
| <b>Molecular Mass</b>   | 27.6 kDa                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MSSGYSSLEEDAEDFFFTARTSFFRRAPQGKPRSGQQDVEKEKETHSYLSKEEIKE<br>KVHKYNLAVIDKLMKMTLNSNGIYTGFQVQMECLCKPPQTSPNSGKLSPSSNGCMNTL<br>HISSTNTVGEVIEALLKKFLVTESPAKFALYKRCHREDQVYACKLSDREHPLYLRLVA<br>GPRTDTLSFVLREHEIGEWAFSLPELQNFRLRILDKEEDEQLQNLKRRYTAYRQKLE<br>EALREVWKPDTTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                     |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                      |

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

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

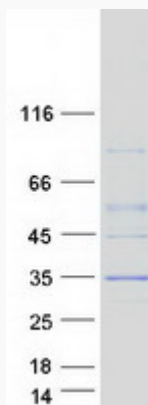
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>        | RASSF3 Ras association domain family member 3 [ Homo sapiens (human) ]                                                                                                                             |
| <b>Official Symbol</b>  | RASSF3                                                                                                                                                                                             |
| <b>Synonyms</b>         | RASSF3; Ras association (RalGDS/AF-6) domain family member 3; ras association domain-containing protein 3; Ras association (RalGDS/AF-6) domain family 3; RASSF5; MGC119194; MGC119195; MGC119197; |
| <b>Gene ID</b>          | 283349                                                                                                                                                                                             |
| <b>mRNA Refseq</b>      | NM_178169                                                                                                                                                                                          |
| <b>Protein Refseq</b>   | NP_835463                                                                                                                                                                                          |
| <b>MIM</b>              | 607019                                                                                                                                                                                             |
| <b>UniProt ID</b>       | Q86WH2                                                                                                                                                                                             |

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**SDS-PAGE**

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