

## Recombinant Human RASSF3, His-tagged

**Cat. No.** RASSF3-7540H    **Lot. No.** (See product label)

### SPECIFICATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>    | Recombinant human RASSF3 protein, fused to His-tag at N-terminus, was expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>             | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>              | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>       | 1-238aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Antigen Description</b> | Ras association domain-containing protein 3, also known as RASSF3, is a member of RASSF family. Members of the RASSF family contain a highly conserved Ras association domain (Ral GDS/AF-6 or RA) and function as Ras effectors/tumor suppressors. RASSF3 is a ubiquitously expressed protein found in normal and cancerous tissues. It contains an N-terminal RA domain and a coiled-coil SARAH domain. Three isoforms, namely RASSF3A, RASSF3B and RASSF3C, may exist for RASSF3 due to alternative splicing. RASSF3B and RASSF3C are shorter than RASSF3A and do not contain the RA and SARAH domain. |
| <b>Form</b>                | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>      | 30 kDa (261aa)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>         | MGSSHHHHHH SSGLVPRGSH MGSMSSGYSS LEEDAEDFFF TARTSFFRRA<br>PQGKPRSGQQ DVEKEKETHS YLSKEEIKEK VHKYNLAVTD KLKMTLNSNG<br>IYTGFIKVQM ELCKPPQTSP NSGKLSPSSN GCMNTLHISS TNTVGEVIEA                                                                                                                                                                                                                                                                                                                                                                                                                                |

 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

LLKKFLVTES PAKFALYKRC HREDQVYACK LSDREHPLYL RLVAGPRTDT  
LSFVLREHEI GEWEAFSLPE LQNFLRILDK EEDEQLQNLK RRYTAYRQKL  
EEALREVWKP D

**Purity** >85% as determined by SDS - PAGE

**Applications** SDS-PAGE

**Storage** Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**Concentration** 1 mg/ml

## GENE INFORMATION

**Gene Name** [RASSF3 Ras association \(RalGDS/AF-6\) domain family member 3 \[ Homo sapiens \]](#)

**Official Symbol** RASSF3

**Synonyms** 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;

**Gene ID** [283349](#)

**mRNA Refseq** [NM\\_178169](#)

**Protein Refseq** [NP\\_835463](#)

**MIM** [607019](#)

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|                        |                                             |
|------------------------|---------------------------------------------|
| UniProt ID             | Q86WH2                                      |
| Chromosome<br>Location | 12q14.2                                     |
| Function               | identical protein binding; protein binding; |

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