

## RASSF3 Human

**Description:** RASSF3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 261 amino acids (1-238a.a) and having a molecular mass of 30kDa. RASSF3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-1385

For research use only.

**Synonyms:** Ras association domain-containing protein 3, RASSF3.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSMSSGYSS LEEDAEDFFF  
TARTSFFRRA PQGKPRSGQQ DVEKEKETHS YLSKEEIKEK VHKYNLAVTD KLKMTLNSNG  
IYTGFIVQM ELCKPPQTSP NSGKLSPSSN GCMNTLHISS TNTVGEVIEA LLKKFLVTES  
PAKFALYKRC HREDQVYACK LSDREHPLYL RLVAGPRTDT LSFVLRHEI GEWEAFSLPE  
LQNFLRILDK EE

**Purity:** Greater than 85% as determined by SDS-PAGE.

**Formulation:**

RASSF3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

Ras association domain-containing protein 3 (RASSF3) is a ubiquitously expressed protein found in normal and cancerous tissues. RASSF3 is a member of RASSF family whose members contain a highly conserved Ras association domain (Ral GDS/AF-6 or RA) and function as Ras effectors/tumor suppressors. RASSF3 contains an N-terminal RA domain and a coiled-coil SARAH domain and may have 3 isoforms (RASSF3A, RASSF3B and RASSF3C) due to alternative splicing. RASSF3B and RASSF3C are shorter than RASSF3A and do not contain the RA and SARAH domain.

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