

## RASSF1A Human

**Description:**RASSF1A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 376 amino acids (1-340 a.a.) and having a molecular mass of 42.9kDa. RASSF1A is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:**PRPS-1295

For research use only.

**Synonyms:**123F2, NORE2A, RASSF1, RDA32, REH3P21, Ras association domain-containing protein 1.

**Source:**Escherichia Coli.

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

**Amino Acid Sequence:**MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSE  
PELIELRELA PAGRAGKGRTRLERANALRI ARGTACNPTRQLVPRGRGHRFQPAGPATHTW  
CDLCGDFIWG VVRKGLQCAHCKFTCHYRCRALVCLDCCGP RDLGWEPAVE RDTNVDEPVE  
WETPDLSQAEIEQKIKEYNAQINSNLFMSLNKDGSYTGFIKVQLKLRPV SVPSSKKPPS  
LQDARRGPGRGT

**Purity:**Greater than 85.0% as determined by SDS-PAGE.

**Formulation:**

RASSF1A protein solution (1mg/ml) contains 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. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

RASSF1A protein is a potential tumor suppressor like the RAS effector proteins. Presence or absence expression of this gene has been related with the pathogenesis of a variety of cancers, which suggests the tumor suppressor function of this RASSF1A gene. The inactivation of RASSF1A was found to be associated with the hypermethylation of its CpG-island promoter region. RASSF1A required for death receptor-dependent apoptosis.

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