

RASSF1A, 1-340aa, Human, His tag, E.coli

Cat.NO.: TP03685

3th Edition

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

Description:RASSF1A is similar to the RAS effector proteins. Loss or altered expression of this gene has been associated with the pathogenesis of a variety of cancers, which suggests the tumor suppressor function of this gene. The inactivation of this gene was found to be correlated with the hypermethylation of its CpG-island promoter region. This protein required for death receptor-dependent apoptosis.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:42.9 kDa (376aa)

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMSGPELIELRELAPAGRAGKGRTRLERANALRIARG
TACNPTRQLVPGRGHRFQPAGPATHTWCDLCGDFIWGVVRKGLQCAHCKFTCHYRCRALVCLDCCGPRDLGWE
PAVERDTNVDEPVEWETPDLSQAEIEQKIKEYNAQINSNLFMSLNKDGSYTGFIKVLKLVVPVSVSSKKPPSLQD
ARRGPGRGTSVRRRTSFYLPKDAVKHLHVLSRTRAREVIEALLRKFLVDDPRKFALFERAERHGQVYLRKLLDDE
QPLRLRLLAGPSDKALSFLKENDSGEVNWDASFMPELHNFLRILQREEEHLRQILQKYSYCRQKIQEALHACPLG

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.