



# Recombinant Human Ras association domain-containing protein 1 (RASSF1)

<b>Product Code</b>	CSB-EP885715HU
<b>Abbreviation</b>	RASSF1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9NS23
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	SGEPELIEL RELAPAGRAG KGRTRLERAN ALRIARGTAC NPTRQLVPGR GHRFQPAGPA THTWCDLCGD FIWGVVRKGL QCARLSADCK FTCHYRCRAL VCLDCCGPRD LGWEPAVERD TNVDEPVEWE TPDLSQAEIE QKIKEYNAQI NSNLFMSLNK DGSYTGFIKV QLKLVRPVSV PSSKKPPSLQ DARRGPGRGT SVRRRTSFYL PKDAVKHLHV LSRTRAREVI EALLRKFLVV DDPKRFALFE RAERHGQVYL RKLLDDEQPL RLRLLAGPSD KALSFVLKEN DSGEVNWDAF SMPELHNFLR ILQREEEHL RQILQKYSYC RQKIQEALHA CPLG
<b>Source</b>	E.coli
<b>Target Names</b>	RASSF1
<b>Protein Names</b>	Recommended name: Ras association domain-containing protein 1
<b>Expression Region</b>	2-344
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes a protein 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. The encoded protein was found to interact with DNA repair protein XPA. The protein was also shown to inhibit the accumulation of cyclin D1, and thus induce cell cycle arrest. Seven alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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