

Product datasheet for **TP312844**

RASSF7 (NM_003475) Human Recombinant Protein

Product data:

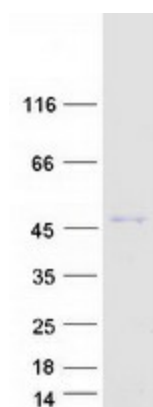
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Ras association (RalGDS/AF-6) domain family (N-terminal) member 7 (RASSF7), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212844 representing NM_003475 Red =Cloning site Green =Tags(s)
	<p>MLLGLAAMELKVWVDGIQRVVCGVSEQTTCQEWIALAQAIGQTGRFVLVQRLREKERQLLPQCEPVGAQ ATCGQFASDVQFVLRRTGPSLAGRPSSDSCPPPERCLIRASLPVKPRAALGCEPRKTLTPEPAPSLSRPG PAAPVTPTPGCCTDLRGLRLVQRNAEELGHEAFWEQELRREQAREREGQARLQALSAATAEHAARLQAL DAQARALEAELQLAAEAPGPPSPMASATERLHQDLAVQERQSAEVQGSALVSRALAAERALQAQAQEL EELNRELQCNLQQFIQQTGAALPPPPRPDRGPPGTQGPLPPAREESLLGAPSESHAGAQRPRRGPHDA ELLEVAAPAPEWCPLAAQPQAL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	39.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_003466</u>



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Locus ID:	8045
UniProt ID:	Q02833 , A0A024RCE4
RefSeq Size:	1539
Cytogenetics:	11p15.5
RefSeq ORF:	1119
Synonyms:	C11orf13; CFAP88; FAP88; HRAS1; HRC1
Summary:	Negatively regulates stress-induced JNK activation and apoptosis by promoting MAP2K7 phosphorylation and inhibiting its ability to activate JNK. Following prolonged stress, anti-apoptotic effect stops because of degradation of RASSF7 protein via the ubiquitin-proteasome pathway. Required for the activation of AURKB and chromosomal congression during mitosis where it stimulates microtubule polymerization.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified RASSF7 protein (Cat# TP312844). The protein was produced from HEK293T cells transfected with RASSF7 cDNA clone (Cat# [RC212844]) using MegaTran 2.0 (Cat# [TT210002]).