

## Product datasheet for PH312844

### RASSF7 (NM\_003475) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	RASSF7 MS Standard C13 and N15-labeled recombinant protein (NP_003466)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212844
Predicted MW:	39.8 kDa
Protein Sequence:	>RC212844 representing NM_003475 Red=Cloning site Green=Tags(s)  MLLGLAAMELKVWVDGIQRVVCVSEQTTCQEVVIALAQAIGQTGRFVLVQRLREKERQLLPQECVGAQ ATCGQFASDVQFVLRRTGPSLAGRPSSDSCPPPERCLIRASLPVKPRAALGCEPRKLTPEPAPSLSRPG PAAPVTPTPGCCTDLRGLRLRVQRNAEELGHEAFWEQELRREQAREREGQARLQALSAATAEHAARLQAL DAQARALEAELQLAAEAPGPPSPMASATERLHQDLAVQERQSAEVQGSLLVSRALAAERLQAQAQEL EELNREL RQC NLQQFIQQTGAALPPPPRPDRGPPGTQGPLPPAREESLLGAPSESHAGAQRPRRGGPHDA ELLEVAAPAPEWCPLAAQPQAL  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_003466</u>
RefSeq Size:	1539
RefSeq ORF:	1119
Synonyms:	C11orf13; CFAP88; FAP88; HRAS1; HRC1
Locus ID:	8045



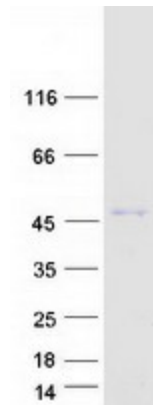
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UniProt ID: [Q02833](#), [A0A024RCE4](#)

Cytogenetics: 11p15.5

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]).