

Product datasheet for PH304223

RANGAP1 (NM_002883) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RANGAP1 MS Standard C13 and N15-labeled recombinant protein (NP_002874)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204223
Predicted MW:	63.5 kDa
Protein Sequence:	>RC204223 protein sequence Red=Cloning site Green=Tags(s)

MASEDIAKLAETLAKTQVAGGQLSFKGKSLKLNLAEDAKDVIKEIEDFDSLEALRLEGNTVGVEAARVIA
KALEKKSELKRCHWSDMFTGRLRTEIPPALISLGEGLITAGAQLVELDLSDNAFGPDGVQGFALLKSSA
CFTLQELKLNNCGMIGGGKILAAALTECHRKSSAQGKPLALKVAVAGRNRENDGATALAEAFRVIGTL
EEVHMPQNGINHPGITALAQAFVNP LLRVINLNDNTFTEKGAVAMAETLKT LRQVEVINFGDCLVRSKG
AVAIADAIRGGLPKLKEKLNLSFCEIKRDAALAVAEAMADKAELEKLDLNGNTLGEEGCEQLQEVLEGFNM
AKVLASLSDDEEPQQRGQGEKSATPSRKILD PNTG
EPAPVLSPPPADVSTFLAFPSPEKLLRLGPKSSVLI AQQTDSDEPKVVS AFLKVSSVFKDEATVRMAV
QDAVDALMQAFNSSFNSNTFLTRLLVHMGLLKSEDKVKAIANLYGPLMALNHMVQQDYFPKALAPLLL
AFVTKPNSALESCSFARHSL LQTLKYK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

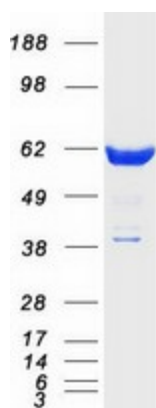
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_002874</u>
RefSeq Size:	3907
RefSeq ORF:	1761



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Synonyms:	Fug1; RANGAP; SD
Locus ID:	5905
UniProt ID:	P46060 , A0A024R1U0 , Q9BSK3
Cytogenetics:	22q13.2
Summary:	This gene encodes a protein that associates with the nuclear pore complex and participates in the regulation of nuclear transport. The encoded protein interacts with Ras-related nuclear protein 1 (RAN) and regulates guanosine triphosphate (GTP)-binding and exchange. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Product images:



Coomassie blue staining of purified RANGAP1 protein (Cat# [TP304223]). The protein was produced from HEK293T cells transfected with RANGAP1 cDNA clone (Cat# [RC204223]) using MegaTran 2.0 (Cat# [TT210002]).