

Product datasheet for TP304223

RANGAP1 (NM_002883) Human Recombinant Protein

Product data:

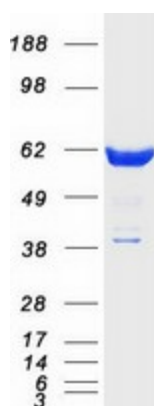
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Ran GTPase activating protein 1 (RANGAP1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204223 protein sequence Red =Cloning site Green =Tags(s)
	<p>MASEDIAKLAETLAKTQVAGGQLSFKGKSLKLNATAEDAKDVIKEIEDFDSLEALRLEGNTVGVEAARVIA KALEKKSELKRCHWSDMFTGRLRTEIPPALISLGEGLITAGAQLVELDLSDNAFGPDGVQGFALLKSSA CFTLQELKLNNCGMGIGGGKILAAALTECHRKSSAQKPLALKVAVAGRNRLENDGATALAEAFRVIGTL EEVHMPQNGINHPGITALAQAFVNP LLRVINLNDNTFTEKGAVAMAETLKT LRQVEVINFGDCLVRSKG AVAIADAIRGGLPKLKLNL SFCEIKRDAALAVAEAMADKAELEKLDLNGNTLGEEGCEQLQEVLEGFNM AKVLASLSDDEEPQQRGQGEKSATPSRKILDPNTG EPAPVLSSPPPADVSTFLAFPSPEKLLRLGPKSSVLIAQQTDTSDPEKVVSAFLKVVSVFKDEATVRMAV QDAVDALMQAFNSSSFNSNTFLRLLVHMGLLKSEDKVKAIANLYGPLMALNHMVQQDYFPKALAPLLL AFVTKPNSALESCSFARHSL LQTLYKV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	63.4 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.



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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:	NP_002874
Locus ID:	5905
UniProt ID:	P46060 , A0A024R1U0 , Q9BSK3
RefSeq Size:	3907
Cytogenetics:	22q13.2
RefSeq ORF:	1761
Synonyms:	Fug1; RANGAP; SD
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]).