

Product datasheet for TP304223L

RANGAP1 (NM_002883) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human Ran GTPase activating protein 1 (RANGAP1), 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC204223 protein sequence
Red=Cloning site **Green**=Tags(s)

MASEDIAKLAETLAKTQVAGGQLSFKGKSLKLNATAEDAKDVIKEIEDFDSLEALRLEGNTVGVVEARVIA
KALEKKSELKRCHWSDMFTGRLRTEIPPALISLGEGLITAGAQLVELDLSDNAFGPDGVQGFALLKSSA
CFTLQELKLNNCGMGIGGGKILAAALTECHRKSSAQKPLALKVAVAGRNRLENDGATALAEAFRVIGTL
EEVHMPQNGINHPGITALAQAFVNP LLRVINLNDNTFTEKGAVAMAETLKT LRQVEVINFGDCLVRSKG
AVAIADAIRGGLPKLKLNL SFCEIKRDAALAVAEAMADKAELEKLDLNGNTLGEEGCEQLQEVLEGFNM
AKVLASLSDDEEPQQRGQGEKSATPSRKILD PNTG
EPAPVLSSPPPADVSTFLAFPSPEKLLRLGPKSSVLIAQQTDTSDPEKVVSAFLKVVSVFKDEATVRMAV
QDAVDALMQKAFNSSSFNSNTFLRLLVHMGLLKSEDKVKAIANLYGPLMALNHMVQQDYFPKALAPLLL
AFVTKPNSALESCSFARHSL LQTLYKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

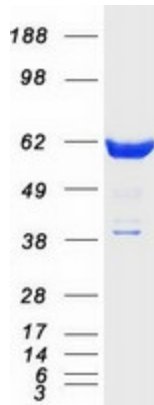
Tag: C-Myc/DDK
Predicted MW: 63.4 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity 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]).