

Product datasheet for PH323305

RANBP1 (NM_002882) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RANBP1 MS Standard C13 and N15-labeled recombinant protein (NP_002873)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223305
Predicted MW:	23.1 kDa
Protein Sequence:	>RC223305 representing NM_002882 Red=Cloning site Green=Tags(s) MAAAKDTHEDHDTSTENTDESNHDPQFEPVLSLPEQEIKTLEEEDEELFKMRAKLFRAFASNDLPEWKER GTGDVKLLKHKEKGAIIRLLMRRDKTLKICANHYYITPMELKPNAGSDRAWVWNTHADFADECPPELLAI RFLNAENAQKFKTKFEECRKEIEEREKKAGSGKNDHAEKVAEKLEALSVKEETKEDAEKQ 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:	NP_002873
RefSeq Size:	884
RefSeq ORF:	603
Synonyms:	HTF9A
Locus ID:	5902
UniProt ID:	P04049 , P43487 , L7RRS6 , A0A140VK94



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Cytogenetics: 22q11.21

Summary: This gene encodes a protein that forms a complex with Ras-related nuclear protein (Ran) and metabolizes guanoside triphosphate (GTP). This complex participates in the regulation of the cell cycle by controlling transport of proteins and nucleic acids into the nucleus. There are multiple pseudogenes for this gene on chromosomes 9, 12, 17, and X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Product images:



Coomassie blue staining of purified RANBP1 protein (Cat# [TP323305]). The protein was produced from HEK293T cells transfected with RANBP1 cDNA clone (Cat# [RC223305]) using MegaTran 2.0 (Cat# [TT210002]).