

Product datasheet for PH323305

OriGene Technologies, Inc.

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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 **HEK293 Expression Host:**

Expression cDNA Clone

or AA Sequence:

RC223305

Predicted MW: 23.1 kDa

>RC223305 representing NM_002882 **Protein Sequence:**

Red=Cloning site Green=Tags(s)

MAAAKDTHEDHDTSTENTDESNHDPQFEPIVSLPEQEIKTLEEDEEELFKMRAKLFRFASENDLPEWKER GTGDVKLLKHKEKGAIRLLMRRDKTLKICANHYITPMMELKPNAGSDRAWVWNTHADFADECPKPELLAI

RFLNAENAQKFKTKFEECRKEIEEREKKAGSGKNDHAEKVAEKLEALSVKEETKEDAEEKQ

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

25 mM Tris-HCl, 100 mM glycine, pH 7.3 **Buffer:**

Store at -80°C. Avoid repeated freeze-thaw cycles. Storage:

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP 002873

RefSeg Size: 884 RefSeq ORF: 603 Synonyms: HTF9A Locus ID: 5902

UniProt ID: P04049, P43487, L7RRS6, A0A140VK94





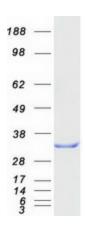
Cytogenetics:

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]).