

Product datasheet for PH307953

Radixin (RDX) (NM_002906) Human Mass Spec Standard

Product data:

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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | RDX MS Standard C13 and N15-labeled recombinant protein (NP_002897) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC207953 |
| Predicted MW: | 68.4 kDa |
| Protein Sequence: | >RC207953 representing NM_002906 Red=Cloning site Green=Tags(s) |

MPKPINVRVTTMDAELEFAIQPNTTGKQLFDQVVKTVGLREVWFFGLQYVDSKGYSTWLKLNKKVTQQDV
KKENPLQFKFRAKFFPEDVSEELIQEITQRLFFLQVKEAILNDEIYCPPETAVLLASYAVQAKYGDYNKE
IHKPGYLANDRLLPQRVLEQHKLTKEQWEERIQNWHEEHRGMLREDSMMEYLKIAQDLEMYGVNYFEIKN
KKGTTELWLGVDALGLNIYEHDDKLTPIGFPWSEIRNISFNDKKFVIKPIDKKAPDFVFYAPRLRINKRI
LALCMGNHEL YMRRRKPDTEVQQMKAQAREEKHQKQLERAQLENEKEKREIAEKEKERIEREKEELMER
LKQIEEQTIKAQKEL EEQTRKALELDQERKRAKEEAERLEKERRAAEEAKSAIAKQAADQMKNQEQLAAE
LAEFTAKIALLEEAKKKKEEEATEWQHKAFAAQEDLEKTEELKT VMSAPPPPPPPVPIPTENEHDEHD
ENNAEASAEL SNEGVMNHRSEEEERVTTETQKNERVKKQLQALSSELAQARDETKKTQNDVLHAENVKAGRD
KYKTLRQIRQGNTKQRIDEFEAM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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|------------------|--|
| 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_002897</u> |
| RefSeq Size: | 4498 |
| RefSeq ORF: | 1749 |



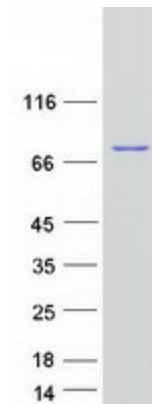
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Synonyms: DFNB24
Locus ID: 5962
UniProt ID: [P35241](#), [B0YJ88](#), [Q6PKD3](#)
Cytogenetics: 11q22.3

Summary: Radixin is a cytoskeletal protein that may be important in linking actin to the plasma membrane. It is highly similar in sequence to both ezrin and moesin. The radixin gene has been localized by fluorescence in situ hybridization to 11q23. A truncated version representing a pseudogene (RDXP2) was assigned to Xp21.3. Another pseudogene that seemed to lack introns (RDXP1) was mapped to 11p by Southern and PCR analyses. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012]

Protein Families: Druggable Genome
Protein Pathways: Regulation of actin cytoskeleton

Product images:



Coomassie blue staining of purified RDX protein (Cat# [TP307953]). The protein was produced from HEK293T cells transfected with RDX cDNA clone (Cat# [RC207953]) using MegaTran 2.0 (Cat# [TT210002]).