

Product datasheet for **TP307953M**

Radixin (RDX) (NM_002906) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human radixin (RDX), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207953 representing NM_002906 Red =Cloning site Green =Tags(s)

MPKPINVRVTTMDAELEFAIQPNTTGKQLFDQWKTVGLREVWFFGLQYVDSKGYSTWLKLNKKVTQQDV
KKENPLQFKFRAKFFPEDVSEELIQEITQRLFFLQVKEAILNDEIYCPPETAVLLASYAVQAKYGDYNKE
IHKPGYLANDRLLPQRVLEQHKLTKEQWEERIQNWHEEHRGMLREDSMMEYLKIAQDLEMYGVNYFEIKN
KKGTELWLGVDALGLNIYEHDDKLTQKIGFPWSEIRNISFNDKFKVIKPIDKKAPDFVFYAPRLRINKRI
LALCMGNHELYMRRRKPDITIEVQQMKAQAREEKHQKQLERAQLENEKEKREIAEKEKERIEREKEELMER
LKQIEEQTIKAQKELEEQRKALELDQERKRAKEEAERLEKERRAAEEAKSAIAKQAADQMKNQEQLAAE
LAEFTAKIALLEEAKKKKEEEATEWQHKAFAAQEDLEKTKEELKTVMSAPPPPPPPVPIPTENEHDEHD
ENNAEASAELSNEGVMNHRSEERVETETQKNERVKKQLQALSSELAQARDETCKTQNDVLHAENVKAGRD
KYKTLRQIRQGNTKQRIDEFEAM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

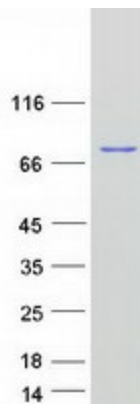
Tag:	C-Myc/DDK
Predicted MW:	68.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_002897
Locus ID:	5962
UniProt ID:	P35241 , B0YJ88 , Q6PKD3
RefSeq Size:	4498
Cytogenetics:	11q22.3
RefSeq ORF:	1749
Synonyms:	DFNB24
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]).