

## Product datasheet for **TP307953**

### Radixin (RDX) (NM\_002906) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human radixin (RDX), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207953 representing NM_002906 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPKPINVRVTTMDAELEFAIQPNTTGKQLFDQWKTVGLREVWFFGLQYVDSKGYSTWLKLNKKVTQQDV  
KKENPLQFKFRAKFFPEDVSEELIQEITQRLFFLQVKEAILNDEIYCPPETAVLLASYAVQAKYGDYNKE  
IHKPGYLANDRLLPQRVLEQHKLKEQWEERIQNWHEEHRGMLREDSMMEYLKIAQDLEMYGVNYFEIKN  
KKGTELWLGVDALGLNIYEHDDKLTQKIGFPWSEIRNISFNDKKFVIKPIDKKAPDFVFYAPRLRINKRI  
LALCMGNHELYMRRRKPDTIEVQQMKAQAREEKHQKQLERAQLENEKEKREIAEKEKERIEREKEELMER  
LKQIEEQTIKAQKELEEQRKALELDQERKRAKEEAERLEKERRAAEEAKSAIAKQAADQMKNQEQLAAE  
LAEFTAKIALLEEAKKKKEEEATEWQHKAFAAQEDLEKTKEELKTVMSAPPPPPPPVPIPTENEHDEHD  
ENNAEASAELSNEGVMNHRSEERVETETQKNERVKKQLQALSSELAQARDETCKTQNDVLHAENVKAGRD  
KYKTLRQIRQGNTKQRIDEFEAM

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

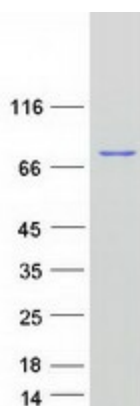
Tag:	C-Myc/DDK
Predicted MW:	68.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_002897</a>
<b>Locus ID:</b>	5962
<b>UniProt ID:</b>	<a href="#">P35241</a> , <a href="#">B0YJ88</a> , <a href="#">Q6PKD3</a>
<b>RefSeq Size:</b>	4498
<b>Cytogenetics:</b>	11q22.3
<b>RefSeq ORF:</b>	1749
<b>Synonyms:</b>	DFNB24
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	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]).