

Recombinant Full Length Human RDX Protein, C-Flag-tagged

Cat. No. RDX-786HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RDX Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	68.4 kDa
AA Sequence	MPKPINVRVTTMDAELEFAIQPNTTGKQLFDQVVKTVGLREVWFFGLQYVDSKGYS TWLKLNKKVTQQDV KKENPLQFKFRAKFFPEDVSEELIQEITQRLFFLQVKEAILNDE IYCPPETAVLLASYAVQAKYGDYNKE IHKPGYLANDRLLPQRVLEQHKLTKEQWEE RIQNWHEEHHRGMLREDSMMEYLKIAQDLEMYGVNYFEIKN KKGTELWLGVDALGL NIYEHDDKLTPKIGFPWSEIRNISFNDKKFVIKPIDKKAPDFVFYAPRLRINKRI LALCM GNHELYMRRRKPDITIEVQQMKAQAREEKHQKQLERAQLENEKEKREIAEKEKERIE

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REKEELMER LKQIEEQTIKAQKELEEQTRKALELDQERKRAKEEAERLEKERRAAEE
 AKSAIAKQAADQMKNQEQLAAE LAEFTAKIALLEEAKKKKEEEATEWQHKAFAAQE
 DLEKTKEELKTVMSAPPPPPPPVIPPTENEHDEHD ENNAEASAELSNEGVMNHR
 EEERVTTETQKNERVKKQLQALSSELAQARDETKKTQNDVLHAENVKAGRD
 KYKTLRQIRQGNTKQRIDEFEAMTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Regulation of actin cytoskeleton
Full Length	Full L.

GENE INFORMATION

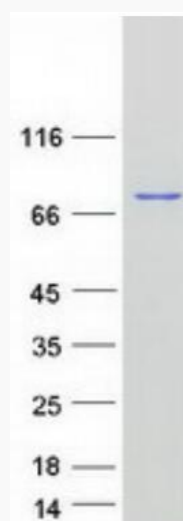
Gene Name	RDX radixin [Homo sapiens (human)]
Official Symbol	RDX
Synonyms	DFNB24

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Gene ID	5962
mRNA Refseq	NM_002906.4
Protein Refseq	NP_002897.1
MIM	179410
UniProt ID	P35241



Coomassie blue staining of purified RDX protein.