

Recombinant Human RDX

Cat. No. RDX-29366TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Radixin with N terminal proprietary tag; Predicted MWt 90.24 kDa including the tag.
Species	Human
Source	Wheat Germ
ProteinLength	583 amino acids
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.
Molecular Weight	90.240kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids

MPKPINVRVTTMDAELEFAIQPNTTGKQLFDQVVKTVGLR EVWFFGLQYVDSKGYS
 TWLKLNNKVTQQDVKKENPLQFKF RAKFFPEDVSEELIQEITQRLFFLQVKEAILNDE
 IYCPPE TAVLLASYAVQAKYGDYNKEIHKPGYLANDRLLPQRVLEQ HKLTKEQWEE
 RIQNWHEEHHRGMLREDSMMEYLKIAQDLEM YGVNYFEIKNKKGTTELWLGVDAALGL
 NIYEHDDKLTTPKIGF PWSEIRNISFNDKKFVIKPIDKKAPDFVFYAPRLRINKRI LALC
 MGNHELYMRRRKPDITIEVQQMKAQAREEKHQKQLER AQLENEKEKREIAEKEKERI
 EREKEELMERLKKQIEEQTIK AQKELEEQTRKALELDQERKRAKEEAERLEKERRAAE
 EAK SAIKQAADQMKNQEQLAAELAEFTAKIALLEEAKKKKEE EATEWQHKAFAAQ
 EDLEKTKEELKTVMSAPPPPPPPVIP PTENEHDEHDENNAEASAELSNEGVMNHR
 SEEERVTTETQK NERVKKQLQALSSELAQARDETKKTQNDVLHAENVKAGRD KYKT
 LRQIRQGNTKQRIDEFEAM

Sequence Similarities

Contains 1 FERM domain.

GENE INFORMATION

Gene Name	RDX radixin [Homo sapiens]
Official Symbol	RDX
Synonyms	RDX; radixin; deafness, autosomal recessive 24 , DFNB24;
Gene ID	5962
mRNA Refseq	NM_002906
Protein Refseq	NP_002897

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MIM	179410
Uniprot ID	P35241
Chromosome Location	11q23
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; L1CAM interactions, organism-specific biosystem; Recycling pathway of L1, organism-specific biosystem; Regulation of Actin Cytoskeleton, organism-specific biosystem;
Function	actin binding; protein binding;

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