Recombinant Human RDX protein, His & T7-tagged

Cat. No. RDX-8059H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RDX aa. (Ile5~Met295 (Accession # P35241)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ile5~Met295
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%

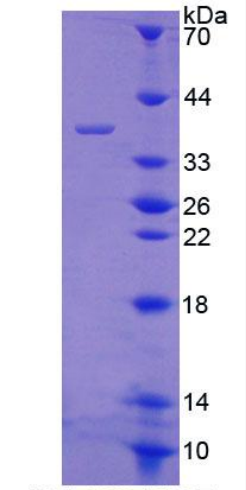
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Characteristic	The isoelectric point is 7.1.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	RDX radixin [Homo sapiens (human)]
Official Symbol	RDX
Synonyms	DFNB24; radixin
Gene ID	5962
mRNA Refseq	NM_001260492.1
Protein Refseq	NP_001247421.1

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UniProt ID	P35241
SDS-PAGE	 15% SDS-PAGE

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