

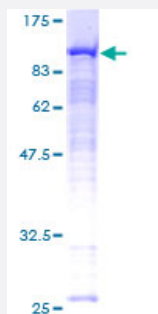
Full-Length

RDX (Human) Recombinant Protein (P01)

Catalog # H00005962-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RDX full-length ORF (AAH47109, 1 a.a. - 583 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPKPINVRVTMDAELEFAIQPNTTGKQLFDQVVKTVGLREVWFFGLQYVDSKGYSTWLKLNKKV
TQQDVKKENPLQFKFRAKFFPEDVSEELIQEITQRLFFLQVKEAILNDEIYCPPETAVLLASYAVQA
KYGDYNKEIHKPGYLANDRLLPQRVLEQHKLTKEQWEERIQNWHEEHRGMLREDSMMEYLKIAQ
DLEMYGVNYFEIKNKGTELWLGVDALGLNIYEHDDKLTPIKIGFPWSEIRNISFNDKKFVIKPIDKKA
PDFVFYAPRLRINKRILALCMGNHELYMRRRKPDITVQQMKAQAREEKHQKQLERAQLENEKEK
REIAEKEKERIEREKEELMERLKQIEEQTIKAQKELEEQTRKALELDQERKRAKEEAERLEKERRA
AEEAKSAIAKQAADQMKNQEQLAAELAEFTAKIALLEEAKKKKEEEATEWQHKAFAAQEDLEKT
KEELKTVMSAPPPPPPPVPIPTENEHDEHDENNAEASAELSNEGVMNHRSEEERVETETQKNER
VKKQLQALSSELAQARDETKKTQNDVLHAENVKAGRDKYKTLRQIRQGNTKQRIDEFEAM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

89.87

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RDX

Entrez GeneID[5962](#)**GeneBank Accession#**[BC047109](#)**Protein Accession#**[AAH47109](#)**Gene Name**

RDX

Gene Alias

DFNB24

Gene Description

radixin

Omim ID[179410 611022](#)**Gene Ontology**[Hyperlink](#)**Gene 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. [provided by RefSeq]

Other Designations

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Pathway

- [Regulation of actin cytoskeleton](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)