

Protein ROOT HAIR DEFECTIVE 3 homolog 1 (AT1G72960), Recombinant Protein

Cat *RP00479*

Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Protein ROOT HAIR DEFECTIVE 3 homolog 1 (At1g72960)

Product Gene Name

AT1G72960 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MDADKSEGCC SVQLIDGDI YNVSRIHFI KDVKLADCGL SYAVVSIMGP QSSGKSTLLN HLFGTNFMEM
DAFKGRSQTG KGIWLARCAG IEPCTLVMDL EGTDRGERGE DDTAFQEKQSA LFALASDIV LINMWCHDIG
REQAANKPLL KTVFQVMML FSPRKTMLF VIRDKTRTPL ENLEPVLRED IQKIWDSVPK PEAHKETPLS
DFFNVEVVAL SSYEEKEEQF KEQIASLRQR FMHSIAPGGL AGDRRGVIPA SGFAFSADQI WRVIKENKDL
DLPAAHKVMVA TVRCEEIANE KFAHFITNED WRKLDDEEVQA GPVSNFGKRL TTILGSCLE YDGEATFFDE
GVRSSKRQQL EEKLLQLVNP AFQDVLGHIR WGILEKFKAS FDKALGIGEG FSSASQDWFK ACMTQFDEEC
AGAIIEQANW DTSKVRDKLV RDIEAHISV RTSKLSELTS LYESKVHEAL SEPVEALLDG ANDETWSTVK
KLHRRETESA VSGLSSALAG FDMEETRDR MVKSLQDYAR GVIETKAKEE AVRVLMRMKE RFGTIFSHDS
DSMPRVWTGK EDLRAITKSA RSASLKLLSV MAVIRLGDEP DNEKTLTVA LLDPTKNDTS KKSITSDPL
ASSTWDEVPS SRTLITPVQC KSIWRQFKE TEYTVTQAIS AQEANRRGNN WLPPPWAILA LIVLGFNEFM
TLRNPLYLG VMFVAFLLAK ALWTQLDIPG EFRNGALPGL ISISAKFVPT VMNLIKNLAA QGEDPPAANP
ENRRSSNNTS SSENPPDHKS SSKED

Sequence Positions

1-795aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

88,819 Da

Storage

Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Protein Family

Protein ROOT HAIR DEFECTIVE

NCBI Accession

NP_177439.2

NCBI GI

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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334183881

NCBI GenBank Nucleotide

NM_105954.2

NCBI GeneID

843627

NCBI Official Full Name

Root hair defective 3 GTP-binding protein (RHD3)

NCBI Official Symbol

AT1G72960

NCBI Official Synonym Symbols

F3N23.16; F3N23_16

NCBI Protein Information

Root hair defective 3 GTP-binding protein (RHD3)

UniProt Gene Name

At1g72960

UniProt Protein Name

Protein ROOT HAIR DEFECTIVE 3 homolog 1

UniProt Synonym Protein Names

Protein SEY1 homolog 2

UniProt Entry Name

RHD31_ARATH

UniProt Primary Accession

Q9SSN0

UniProt Related Accession

Q9SSN0

UniProt Comments

Probable GTP-binding protein that may be involved in cell development.

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