

Recombinant Full Length Arabidopsis Thaliana Protein Root Hair Defective 3 Homolog 1 (At1G72960) Protein, His-Tagged

Cat. No. RFL28930AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Protein ROOT HAIR DEFECTIVE 3 homolog 1 (At1g72960) Protein (Q9SSN0) (1-795aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
Protein Length	Full Length (1-795)
Form	Lyophilized powder
AA Sequence	MDADKSEGCCSVQLIDGDIYNVSRIDHFIKDVKLADCGLSYAVVSIMGPQSSGKST LLN HLFGTNFMEMDAFKGRSQTTKGIWLARCAGIEPCTLVMDLEGTDGRERGEDD TAFEKQSA LFALAISDIVLINMWCHDIGREQAANKPLLKTVFQVMMRLFSPRKTTMLF VIRDKTRTPL ENLEPVLREDIQKIWDSVPKPEAHKETPLSDFFNVEVVALSSYEEKEE QFKEQIASLRQR FMHSIAPGGLAGDRRGVIPASGFAFSADQIWRVIKENKDLDLPAH KVMVATVRCEEIANE KFAHFITNEDWRKLDEEVQAGPVS NFGKRLTTILGSC LSEYD GEATFFDEGVRSSKRQQL EEKLLQLVNPAFQDVLGHIRWGILEKFKASFDKALGIGE GFSSASQDWFKACMTQFDEEC AGAIEQANWDTSKVRDKLV RDIEAHISSVRTSKL SELTSLYESKVHEALSEPVEALLDG ANDETWSTVKKLHRRETESAVSGLSSALAGF DMEEETRDRMVKSLQDYARGVIETKAKEE AVRVLMRMKERFGTIFSHDSDSMPRV WTGKEDLRAITKSARSASLKLLSVMVIRLGDEP DNIEKTLTVALLDPTKNDTSKKSIT

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TSDPLASSTWDEVPSRTLITPVQCKSIWRQFKTE TEYTVTQAISAEANRRGNNW
LPPPWAILALIVLGFNEFMTLLRNPLYLGVMFVAFLLAK ALWTQLDIPGEFRNGALPG
LISISAKFVPTVMNLIKNLAAQGEDPPAANPENRRSSNNTS SSENPPDHKSSSKED

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name At1g72960

Synonyms At1g72960; F3N23.16; Protein ROOT HAIR DEFECTIVE 3 homolog 1; Protein SEY1 homolog 2

UniProt ID [Q9SSN0](https://www.uniprot.org/entry/Q9SSN0)

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