

Protein PIR (PIR), Recombinant Protein

Cat *RP00407*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Protein PIR (PIR) , partial

Product Gene Name

PIR recombinant protein

Product Synonym Gene Name

PIR

Purity

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

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

145,486 Da

Storage

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

Protein Family

Pirin

NCBI Accession

NP_197342.3

NCBI GI

186523914

NCBI GenBank Nucleotide

NM_121846.4

NCBI GeneID

831959

NCBI Official Full Name

transcription activator

NCBI Official Symbol

PIR121

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Protein PIR (PIR), Recombinant Protein

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ATSRA1; F20L16.130; F20L16_130; KLK; KLUNKER; PIR; PIROGI; PIROGI 121; PIRP; SRA1

NCBI Protein Information

transcription activator

NCBI Summary

distorted trichomes and exhibits a diffuse actin cytoskeleton

UniProt Gene Name

PIR

UniProt Synonym Gene Names

KLK; PIRP; AtSRA1

UniProt Protein Name

Protein PIR

UniProt Synonym Protein Names

PIR of plants; Protein KLUNKER; AtSRA1; Protein PIROGI

UniProt Primary Accession

Q5S2C3

UniProt Secondary Accession

Q3E9F2; Q6DLU3

UniProt Related Accession

Q5S2C3

UniProt Comments

Involved in regulation of actin and microtubule organization. Part of a WAVE complex that activates the ARP2/3 complex. Interacts with the active form of RHO-family GTPases.

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