Pericentrin (Pcnt) Recombinant Protein | Pcnt recombinant protein

Recombinant Mouse Pericentrin (Pcnt) , partial

CATALOG #	HOST
AAA113943	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Pericentrin (Pcnt); Recombinant Mouse Pericentrin (Pcnt); partial; Pcnt recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2545-2810. Partial.
Sequence	LCAAGLLTSF TNHTVDRTIK DWTSSNEKAV SSLMRTLEEL KSELSMPTSF QKKMTAELQV QLMNELLSDN DALTKAVGMA TREKAELCRT VSRLEKTLKH HTQKGCVLNR QSKSSLKQDG TDLQSSLRHS DPEWHSQTTS GDTNTCNIKM EKLYLHYLRA ESFRKALIYQ KKYLLLLIGG FQDSEQETLS MIAHLGVFPS KADKKITMSR PFTKFRTAVR VVIAVLRLRF LVKKWQEVDR KGALVHPKST RHGHRTSQRQ RSPSGP
Sequence Length	2810
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Pcnt recombinant protein	This protein binds to calmodulin and is expressed in the centrosome. It is an integral component of the pericentriolar material (PCM). The protein contains a series of coiled-coil domains and a highly conserved PCM targeting motif called the PACT domain near its C-terminus. The protein interacts with the microtubule nucleation component gamma-tubulin and is likely important to normal functioning of the centrosomes, cytoskeleton, and cell-cycle progression. Mutations in this gene cause Seckel syndrome-4 and microcephalic osteodysplastic primordial dwarfism type II.

NCBI AND UNIPROT INFORMATION

NCBI GI #	545478542
NCBI GeneID	18541
NCBI Accession #	NP_001269921.1
NCBI GenBank Nucleotide #	NM_001282992.1
UniProt Accession #	P48725; A0JBT0; A0JBT1
Molecular Weight	37.7 kDa
NCBI Official Full Name	pericentrin isoform b
NCBI Official Synonym Full Names	pericentrin (kendrin)
NCBI Official Symbol	Pcnt

NCBI Official Synonym Symbols	KEN; Pcnt2; C86676; kendrin; m239Asp; m275Asp; AW476095
NCBI Protein Information	pericentrin
UniProt Protein Name	Pericentrin
UniProt Gene Name	**Pcnt**
UniProt Synonym Gene Names	Pcnt2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/pcnt-recombinant-protein-e-coli/113943