

Recombinant Human PXN

Cat. No. PXN-29060TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Paxillin (amino acids 356-558) with proprietary tag; 203aa (without tag), 48kDa.
Species	Human
Source	E.coli
Protein Length	203 amino acids
Description	This gene encodes a cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). Alternatively spliced transcript variants encoding different isoforms have been described for this gene. These isoforms exhibit different expression pattern, and have different biochemical, as well as physiological properties (PMID:9054445).
Molecular Weight	48.000kDa inclusive of tags
Form	Liquid
Storage buffer	pH: 7.50 Constituents: Tris acetate, 20% Glycerol, 0.03% EDTA
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the paxillin family. Contains 4 LIM zinc-binding domains.

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GENE INFORMATION

Gene Name	PXN paxillin [Homo sapiens]
Official Symbol	PXN
Synonyms	PXN; paxillin;
Gene ID	5829
mRNA Refseq	NM_001080855
Protein Refseq	NP_001074324
MIM	602505
Uniprot ID	P49023
Chromosome Location	12q24
Pathway	Androgen Receptor Signaling Pathway, organism-specific biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Arf6 signaling events, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem;
Function	beta-catenin binding; metal ion binding; protein binding; vinculin binding; zinc ion binding;

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