

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; Angiotensin 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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