

Recombinant Human Paxillin, GST-tagged

Cat. No. PXN-2413H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human paxillin encoding 356-558 aa was expressed in <i>E. coli</i> . It was fused with a GST tag at the N-terminus.
Species	Human
Source	E.coli
Protein Length	356-558 a.a.
Description	Paxillin is a focal adhesion protein and a substrate for several tyrosine kinases such as src, FAK, and p210BRC/ABL. The tyrosine phosphorylation of paxillin is affected by conditions that change cell-cell adhesion. Paxillin associates tightly with FAK and Crk through its SH2 domain. This interaction is independent of the extracellular matrix. Although paxillin was initially discovered in fibroblasts, its phosphorylation may also be important during neurite extension during differentiation.
Presentation	100µl purified human Lyn protein at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA, 20% Glycerol without BSA and Sodium Azide.
Applications	ELISA • Inhibition Assays • Western Blotting.
Characterization	On SDS-PAGE comassie blue stained gel, the purified recombinant protein shows a band at 48 kDa (including GST).
Storage & Stability	Store vial at -20°C to -80°C. When stored at the recommended temperature, this

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protein is stable for 12 months.

GENE INFORMATION

Gene Name	PXN paxillin [Homo sapiens]
Synonyms	PXN; paxillin; FLJ16691; Paxillin
Gene ID	5829
mRNA Refseq	NM_001080855
Protein Refseq	NP_001074324
UniProt ID	P49023
Chromosome Location	12q24
MIM	602505
Pathway	Chemokine signaling pathway; Focal adhesion; Leukocyte transendothelial migration; Regulation of actin cytoskeleton; VEGF signaling pathway; Cell junction organization; Muscle contraction; Signaling by EGFR
Function	metal ion binding; protein binding; vinculin binding; zinc ion binding

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