

Recombinant Human PXN Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PXN-1138H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PXN MS Standard C13 and N15-labeled recombinant protein (NP_002850) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 Mass	60.8 kDa
AA Sequence	MDDL DALLADLESTTSHISKRPVFLSEETPYSYPTGNHTYQEIAVPPPVPPPPSSEAL NGTILDPLDQWQPSGSRFIHQPPQSSSPVYGSSAKTSSVSNPQDSVGSPCSRVE EEHVYSFPNKQKSAEPSPTVMSTSLGSLNSELDRLLLELNAVQHNPPGFPADEANS SPPLPGALSPLYGV PETNSPLGGKAGPLTKEKPKRNGGRGLEDVRPSVESLLDELE SSVPSPVPAITVNQ GEMSSPQRVTSTQQQTRISASSATRELD ELMASLSDFKFMAQ GKTGSSSPGGPPKPGSQLDSMLGSLQSDLNKLGVATVAKGVCGACKKPIAGQVV TAMGKTWHPEHFVCTHCQEEIGSRNFFERDGPYCEKDYNLFSRCYCYCNGPIL DKVVTALDRTWHPEHFFCAQCGAFFGPEGFHEKD GKAYCRKDYFDMFAPKCGGC

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ARAIENYISALNTLWHPECFVCRECFTPFVNGSFFEHDGQPYCEVHYHERRGSLC
SGCQKPITGRCITAMAKKFHPEHFVCAFCLKQLNKGTFKEQNDKPYCQNCFLKLFCT
RTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PXN paxillin [Homo sapiens (human)]

Official Symbol PXN

Synonyms PXN; paxillin; FLJ16691; paxillin; testicular tissue protein Li 134

Gene ID 5829

mRNA Refseq NM_002859

Protein Refseq NP_002850

MIM 602505

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UniProt ID

P49023

SDS-PAGE

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