

Product datasheet for **TP313811**

Paxillin (PXN) (NM_002859) Human Recombinant Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human paxillin (PXN), transcript variant 2, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC213811 representing NM_002859 Red =Cloning site Green =Tags(s) |

MDDL DALLADLESTTSHISKRPVFLSEETPYSYPTGNHTYQEIAVPPPPVPPPSSEALNGTILDPLDQWQ
PSGSRFIHQPPQSSSPVYGSSAKTSSVSNPQDSVGSPPSRVGEHVVYSPFNKQKSAEPSPTVMSTSLGS
NLSELDRLLELNAVQHNPPGFPADANSSPPLPGALSPLYGVPETNSPLGGKAGPLTKEKPKRNGGRGL
EDVRPSVESLLDESSVSPVPAITVNQGEMSSPQRVTSTQQQTRISASSATREDELMAASLDFKMA
QGKTGSSSPPGGPPKPGSQLDSMLGSLQSDLNKLG VATVAKGVC GACKKPIAGQVVTAMGKTWHPEHFVC
THCQEEIGSRNFFERDGPYCEKDYHNLFSPPRCYYCNGPILDKVVTALDRTWHPEHFFCAQCGAFFGPEG
FHEKDGKAYCRKDYFDMFAPKCGGCARAILENYISALNTLWHPECFVCRECFTPFVNGSFFEHDGQPYCE
VHYHERRGSLCSGCQKPITGRCITAMAKKFHPEHFVCAFLKQLNKGTFKEQNDKPYCQNCFLKFC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 60.8 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Bioactivity: | Pull-down assay (PMID: 27184837) |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |



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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_002850](#)

Locus ID: 5829

UniProt ID: [P49023](#)

RefSeq Size: 3595

Cytogenetics: 12q24.23

RefSeq ORF: 1671

Summary: 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). [provided by RefSeq, Aug 2011]

Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: Chemokine signaling pathway, Focal adhesion, Leukocyte transendothelial migration, Regulation of actin cytoskeleton, VEGF signaling pathway

Product images:



Coomassie blue staining of purified PXN protein (Cat# TP313811). The protein was produced from HEK293T cells transfected with PXN cDNA clone (Cat# [RC213811]) using MegaTran 2.0 (Cat# [TT210002]).