

Product datasheet for TP313811

OriGene Technologies, Inc.

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Paxillin (PXN) (NM_002859) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human paxillin (PXN), transcript variant 2, 20 μg

Species: Human Expression Host: HEK293T

Expression cDNA Clone >RC213811 representing NM_002859 **or AA Sequence:** Red=Cloning site Green=Tags(s)

MDDLDALLADLESTTSHISKRPVFLSEETPYSYPTGNHTYQEIAVPPPVPPPPSSEALNGTILDPLDQWQ PSGSRFIHQQPQSSSPVYGSSAKTSSVSNPQDSVGSPCSRVGEEEHVYSFPNKQKSAEPSPTVMSTSLGS NLSELDRLLLELNAVQHNPPGFPADEANSSPPLPGALSPLYGVPETNSPLGGKAGPLTKEKPKRNGGRGL EDVRPSVESLLDELESSVPSPVPAITVNQGEMSSPQRVTSTQQQTRISASSATRELDELMASLSDFKFMA QGKTGSSSPPGGPPKPGSQLDSMLGSLQSDLNKLGVATVAKGVCGACKKPIAGQVVTAMGKTWHPEHFVC THCQEEIGSRNFFERDGQPYCEKDYHNLFSPRCYYCNGPILDKVVTALDRTWHPEHFFCAQCGAFFGPEG FHEKDGKAYCRKDYFDMFAPKCGGCARAILENYISALNTLWHPECFVCRECFTPFVNGSFFEHDGQPYCE VHYHERRGSLCSGCQKPITGRCITAMAKKFHPEHFVCAFCLKQLNKGTFKEQNDKPYCQNCFLKLFC

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: <u>27184837</u>)

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

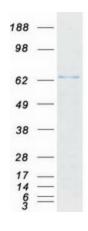
(PMID:9054445). [provided by RefSeq, Aug 2011]

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]).