

Product datasheet for **TP314270L**

SH3PXD2B (NM_001017995) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SH3 and PX domains 2B (SH3PXD2B), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214270 representing NM_001017995 Red =Cloning site Green =Tags(s)

MPPRRSIVEVKVLDVQKRRVFNKHVYVIRVTWSSSGSTEAIYRRYSKFFDLQMQLDKFPMEGGQKDPKQ
RIIPFLPGKILFRRSHIRDVAVKRLIPIDEYCKALIQLPPIYSQCDEVLOFFETRPEDLNPPKEEHIGKK
KSGGDQTSVDPMVLEQYVVVANYQKQESSEISLSVGQVVDIIEKNESGWWFVSTAEQGWVPATCLEGQ
D
GVQDEFSLQPEEEKEYTVIYPYTARDQDEMNLERGAVVEVIQKNLEGWWKIRYQGKEGWAPASYLKKNSG
EPLPPKPGPGSPSHPGALDLGVSRRQNAVGREKELLSSQRDGRFEGRPVDPGDAKQRSPKMRQRP
RR
DMTIPRGLNLPKPIPPQVEEYYTIAEFQTTIPDGISFQAGLKVEIEKNLSGWWYIQIEDKEGWAPAT
FIDKYKKTSNASRPNFLAPLPHVETQLRLGEAALENNTGSEATGPSRPLPDAPHGVMDSGPLWSKDWK
G
SKDVLRKASSDMSASAGYEEISDPDMEEKPSLPPRKESIIKSEGELLERERERQRTEQLRGPTPKPPGVI
LPMMPAKHIPPARDSRRPEPKPKDSRLFQLKNDMGLECGHKVLAKEVKKPNLRPIKSKTDLPEEKPDAT
PQNPFLKSRPQVRPKPAPSPKTEPPQGEDQVDICNLRSKLRLPAKSQDKSLLDGEGPQAVGGQDVAFSRSF
LPGEPPGRAQDRTGKQDGLSPKEISCRAPPRPAKTTDPVSKSVPLQEAQQRPVPPRRPPPPKKTSS
SSRPLPEVRGPQCEGHESRAAPTGRALLVPPKAKPFLSNSLGGQDDTRGKGSGLGPWGTGKIGENREKAA
AASVPNADGLKDSLYAVADFEGDKDTSSFEQGVTFEVREKNSSGWWFCQVLSGAPSWEGWIPSNYLRK
K
P

SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

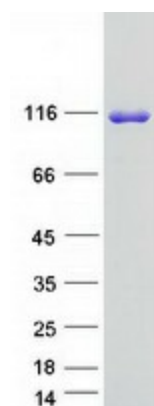
Tag:	C-Myc/DDK
Predicted MW:	101.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



[View online »](#)

Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
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.
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:	<u>NP_001017995</u>
Locus ID:	285590
UniProt ID:	<u>A1X283</u>
RefSeq Size:	7777
Cytogenetics:	5q35.1
RefSeq ORF:	2733
Synonyms:	FAD49; FTHS; HOFI; KIAA1295; TKS4; TSK4
Summary:	This gene encodes an adapter protein that is characterized by a PX domain and four Src homology 3 domains. The encoded protein is required for podosome formation and is involved in cell adhesion and migration of numerous cell types. Mutations in this gene are the cause of Frank-ter Haar syndrome (FTHS), and also Borrone Dermato-Cardio-Skeletal (BDCS) syndrome. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2015]

Product images:



Coomassie blue staining of purified SH3PXD2B protein (Cat# [TP314270]). The protein was produced from HEK293T cells transfected with SH3PXD2B cDNA clone (Cat# [RC214270]) using MegaTran 2.0 (Cat# [TT210002]).