

## Product datasheet for **TP314270M**

### SH3PXD2B (NM\_001017995) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human SH3 and PX domains 2B (SH3PXD2B), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214270 representing NM_001017995 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPPRRSIVEVKVLDVQKRRVFNKHVYVIRVTWSSGSTAIYRRYSKFFDLQMQLDKFPMEGGQKDPKQ  
RIIPFLPGKILFRRSHIRDVAVKRLIPIDEYCKALIQLPPIYSQCDEVLOFFETRPEDLNPPKEEHIGKK  
KSGGDQTSVDPMVLEQYVVVANYQKQESSEISLSVGQVVDIIEKNESGWWFVSTAEQGWVPATCLEGQ  
D  
GVQDEFSLQPEEEEEKYTVIYPYTARDQDEMNLERGAVVEVIQKNLEGWWKIRYQGKEGWAPASYLKKNSG  
EPLPPKPGPGSPHPGALDLGVSRRQNAVGREKELLSSQRDGRFEGRPVDPGDAKQRSPKMRQRP  
RR  
DMTIPRGLNLPKPIPPQVEEYYTIAEFQTTIPDGISFQAGLKVEIEKNLSGWWYIQIEDKEGWAPAT  
FIDKYKKTSNASRPNFLAPLPHEVTQLRLGEEAALENNTGSEATGPSRPLPDAPHGVMDSGPLWSKDWK  
G  
SKDVLRKASSDMSASAGYEEISDPDMEEKPSLPPRKESIIKSEGELLERERERQRTEQLRGPTPKPPGVI  
LPMMPAKHIPPARDSRRPEPKPKDSRLFQLKNDMGLECGHKVLAKEVKKPNLRPIKSKTDLPEEKPDAT  
PQNPFLKSRPQVRPKPAPSPKTEPPQGEDQVDICNLRSKLRLPAKSQDKSLLDGEGPQAVGGQDVAFSRSF  
LPGEPPGRAQDRTGKQDGLSPKEISCRAPPRPAKTTDPVSKSVPLQEAQQRPVPPRRPPPPKKTSS  
SSRPLPEVRGPQCEGHESRAAPTGRALLVPPKAKPFLSNSLGGQDDTRGKGSGLGPWGTGKIGENREKAA  
AASVPNADGLKDSLYAVADFEGDKDTSSFEQGVTFEVREKNSSGWWFCQVLSGAPSWEGWIPSNYLRK  
K  
P

**SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV**

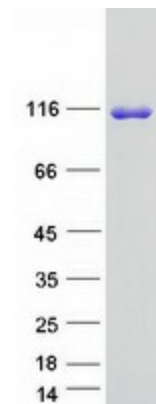
Tag:	C-Myc/DDK
Predicted MW:	101.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_001017995</u>
<b>Locus ID:</b>	285590
<b>UniProt ID:</b>	<u>A1X283</u>
<b>RefSeq Size:</b>	7777
<b>Cytogenetics:</b>	5q35.1
<b>RefSeq ORF:</b>	2733
<b>Synonyms:</b>	FAD49; FTHS; HOFI; KIAA1295; TKS4; TSK4
<b>Summary:</b>	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]).