

Product datasheet for PH314270

SH3PXD2B (NM_001017995) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SH3PXD2B MS Standard C13 and N15-labeled recombinant protein (NP_001017995)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214270
Predicted MW:	101.4 kDa
Protein Sequence:	>RC214270 representing NM_001017995 Red=Cloning site Green=Tags(s)

MPPRRSIVEVKVLDVQKRRVPNKHVYVYIIRVTWSSGSTAIIYRRYSKFFDLQMQLDKFPMEGGQKDPKQ
RIIPFLPGKILFRRSHIRDVAVKRLIPIDEYCKALIQLPYISQCDEVLFQFETRPEDLNPPKEEHIGKK
KSGGDQTSVDPMLVLEQYVVVANYQKQESSEISLVGQVVDIEKNESGWWFVSTAEQGWVPATCLEGQD
GVQDEFSLQPEEEEEKYTVIYPYTARDQDEMNLERGAVVEVIQKNLEGGWKIRYQKGEWAPASYLKKNSG
EPLPPKPGPGSPSHPGALDLDGVSRRQNAVGREKELLSSQRDGRFEGRPVDPGDAKQSPKMRQRP
DMTIPRGLNLPKPPIPPQVEEYYTIAEFQTTIPDGISFQAGLKVEVIEKNLSGWWYIYQIEDKEGWAPAT
FIDKYKKTSNASRPNFLAPLPHEVTQLRLGEAALENNTGSEATGPSRPLPDAPHGVMDSGLPWSKDWKG
SKDVLKASSDMSASAGYEEISDPDMEEKPSLPPRKESIIKSEGELLERERERQTEQLRGPTPKPPGVI
LPMMPAKHIPPARDSRRPEPKPKDKSRLFQLKNDMGLECGHKVLAKEVKKPNLRPISKSKTDLPEEKPDAT
PQNPFLLSRPQVRPKPAPSPKTEPPQGEDQVDICNLRSKLRLPAKSQDKSLLDGEGPQAVGGQDVAFSRSF
LPGEGPGRADRTGKQDGLSPKEISCRAPPRPAKTTPVSKSVPLQEAQQRPVPPRRPPPKTSS
SSRPLPEVRGPQCEGHESRAAPTGRALLVPPKAKPFLSNSLGGQDDTRGKSLGPWGTGKIGENREKAA
AASVNPADGLKDSL YVAVADFEGDKDTSSFQEGTVFEVREKNSSGWWFCQVLSGAPSWEGWIPSNYLKK
P

SGP^{TRTRRL}EQKLISEEDLAANDILDYKDDDDKV

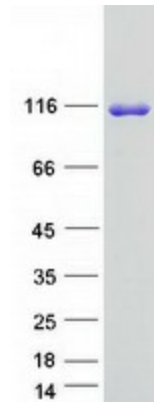
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq:	<u>NP_001017995</u>
RefSeq Size:	7777
RefSeq ORF:	2733
Synonyms:	FAD49; FTHS; HOFI; KIAA1295; TKS4; TSK4
Locus ID:	285590
UniProt ID:	<u>A1X283</u>
Cytogenetics:	5q35.1
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]).