

Recombinant Human SH3PXD2B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SH3PXD2B-668H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SH3PXD2B MS Standard C13 and N15-labeled recombinant protein (NP_001017995) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	101.4 kDa
AA Sequence	MPPRRSIVEVKVLDVQKRRVPNKHVYIIRVTWSSGSTEAIYRRYSKFFDLQMQLD KFPMEGGQKDPKQRIIPFLPGKILFRRSHIRDVAVKRLIPIDEYCKALIQLPPIYISQCDE VLQFFETRPELDNPPKEEHIGKKKSGGDQTSVDPMVLEQYVVVANYQKQESSEISLS VGQVVDIIIEKNESGWVWFVSTAAEQGWVPATCLEGQDGVQDEFSLQPEEEEEKYTVIY PYTARDQDEMNLERGAVVEVIQKNLEGWWKIRYQGKEGWAPASYLKKNSGEPLPP KPGPGSPSHPGALDLGVSRRQQNAVGREKELLSSQRDGRFEGRPVPDGDQAKQRS PKMRQRPPPRRDMTIPRGLNLKPPIPPQVEEEYYTIAEFQTTIPDGISFQAGLKVEVI

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EKNLSGWWYIQIEDKEGWAPATFIDKYKKTSNASRPNFLAPLPHEVTQLRLGEEAAL
 ENNTGSEATGPSRPLPDAPHGVMDSGLPWSKDWKGSKDVLKASSDMSASAGYE
 EISDPDMEEKPSLPPRKESIIKSEGELLERERERQRTEQLRGPTPKPPGVILPMMPAK
 HIPPARDSRRPEPKPKDKSRLFQLKNDMGLECGHKVLAKEVKKPNLRPISKSKTDLPE
 EKPDATPQNPFLKSRPQVRPKPAPSPKTEPPQGEDQVDICNLRSKLRPAKSQDKSL
 LDGEGPQAVGGQDVAFSRSLPGEGPGRAQDRTGKQDGLSPKEISCRAPPRPAKT
 TDPVSKSVPVPLQEAPQQRPVVPPRRPPPPKKTSSSSRPLPEVRGPQCEGHESRA
 APTPGRALLVPPKAKPFLSNSLGGQDDTRGKGSGLGPWGTGKIGENREKAAAASVPN
 ADGLKDSLYVAVADFEGDKDTSSFQEGTVFEVREKNSSGWWFCQVLSGAPSWEG
 WIPSNYLRKKPSGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SH3PXD2B SH3 and PX domains 2B [Homo sapiens (human)]

Official Symbol SH3PXD2B

Synonyms SH3PXD2B; SH3 and PX domains 2B; FTHS; HOFI; TKS4; TSK4; FAD49; KIAA1295; SH3 and PX domain-containing protein 2B; adapter protein HOFI; adaptor protein HOFI; factor for adipocyte differentiation 49; tyrosine kinase substrate with

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four SH3 domains

Gene ID [285590](#)

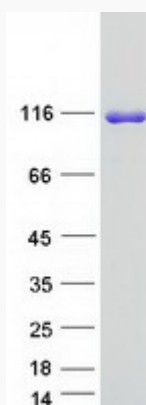
mRNA Refseq [NM_001017995](#)

Protein Refseq [NP_001017995](#)

MIM [613293](#)

UniProt ID [A1X283](#)

SDS-PAGE



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