

Product datasheet for PH305527

SHCBP1 (NM_024745) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SHCBP1 MS Standard C13 and N15-labeled recombinant protein (NP_079021)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205527
Predicted MW:	75.6 kDa
Protein Sequence:	>RC205527 protein sequence Red=Cloning site Green=Tags(s)

MADGSLTGGGLEAAAMAPERTGWAVEQELASLEKGLFQDEDCSDCSYRDKPGSSLQSFMPGKTFEPEI
FQTNQLLFYERFRAYQDYILADCKASEVQEFQAEFLEKVLVLEPSGWRVWHTNVFKVLVEITDVDFAAALKA
VVRLAEPYLCDSQVSTFTMECKELLDLKEHRLPLQELWVVFDDSGVFDQTALAIHVRFYQNIWRSD
EEEEDEYDYFVRCVEPRLRLHYDILEDVPSGLIVDYHLLSQCEESYRKFNLRLSSLSNCNSDSEQENI
SMVEGLKLYSEMEQLKQKLLIENPLLRVYVFGYQKNSNIQAKGVRSSGQKITHVVSSTMMAGLLRSLT
RLCQEPGEEEREIQFHSDPLSAINACFEGDTVICPGHYVVHGTFSIADSIELEGYGLPDDIVIEKRGKG
DTFVDCGTGADIKISGKIFVQHDAVEGILIVHRGKTTLENCVLQCETTGVTVRTSAEFLMKNNDLYGAKGA
GIEIYPGSQCTLSDNGIHHCKEGLIKDFLDEHYDIPKISMVNNI IHNNEGYGVVLVKPTIFSDLQESAE
DGTEENKALKIQTSGEPDVAERVDLEELIECATGKMELCARTDPSEQVEGNCEIVNELIAASTQKGGQIKK
KRLSELGITQADDNLMSQEMFVIGVGNQFKWNGKGSFGTFLF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

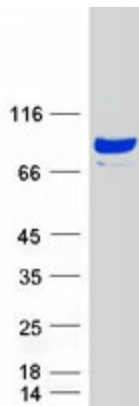
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_079021
RefSeq Size:	3249



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RefSeq ORF:	2016
Synonyms:	PAL
Locus ID:	79801
UniProt ID:	<u>Q8NEM2</u> , <u>A0A024R6R1</u>
Cytogenetics:	16q11.2
Summary:	May play a role in signaling pathways governing cellular proliferation, cell growth and differentiation. May be a component of a novel signaling pathway downstream of Shc. Acts as a positive regulator of FGF signaling in neural progenitor cells.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified SHCBP1 protein (Cat# [TP305527]). The protein was produced from HEK293T cells transfected with SHCBP1 cDNA clone (Cat# [RC205527]) using MegaTran 2.0 (Cat# [TT210002]).