

Product datasheet for PH313224

SPIN2B (NM_001006683) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SPIN2B MS Standard C13 and N15-labeled recombinant protein (NP_001006684)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213224
Predicted MW:	29.2 kDa
Protein Sequence:	<p>>RC213224 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MKTPNAQEAEGQQTRAAAGRATGSANMTKKKVSQKKQGRPRSSQPRRNIVGCRISHGWKEGDEPITQWKG TVLDQVPINPSLYLVKYDGDICVYGLELHRDERVLSLKILSDRVASSHISDANLANTIIGKAVEHMFEGE HGSKDEWRGMVLAQAPIMKAWFYITYEKDPVLYMYQLDDYKEGDLRIMPESSESPTTEREPGGVVDGLI GKHVEYTKEDGSKRIGMVIHQVEAKPSVYFIKFDDEFHIYVYDLVKKS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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.
RefSeq:	NP_001006684
RefSeq Size:	1216
RefSeq ORF:	774
Synonyms:	dj323P24.2; SPIN-2; SPIN-2B; SPIN2_duplicate; TDRD26
Locus ID:	474343
UniProt ID:	Q9BPZ2 , A0A024R9Y9

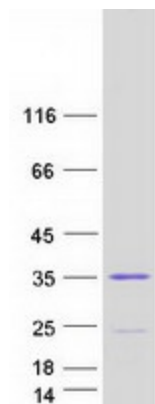


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Cytogenetics: Xp11.21

Summary: Involved in the regulation of cell cycle progression, this activity is related to the inhibition of apoptosis following the removal of essential growth factors (PubMed:12145692). Exhibits H3K4me3-binding activity (PubMed:29061846).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified SPIN2B protein (Cat# [TP313224]). The protein was produced from HEK293T cells transfected with SPIN2B cDNA clone (Cat# [RC213224]) using MegaTran 2.0 (Cat# [TT210002]).