

Product datasheet for PH307443

SPZ1 (NM_032567) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SPZ1 MS Standard C13 and N15-labeled recombinant protein (NP_115956)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207443
Predicted MW:	49.5 kDa
Protein Sequence:	>RC207443 protein sequence Red=Cloning site Green=Tags(s)
	<p>MASSAKSAEMPTISKTLNPTDPHQEYLDPRITIALFEIGSHSPSSWGSLPFLKNSSHQVTEQQTAQKFN NLLKEIKDILKNMAGFEEKITEAKELFEETNITEDVSAHKENIRGLDKINEMLSTNLPVSLAPEKEDNEK KQEMILETNITEDVSAHKENIRGLDKINEMLSTNLPVSLAPEKEDNEKKQMIMENQNSENTAQVFARDL VNRLEEKKVLNETQQSQEKAKNRLNVQEETMKIRNMQELLQEAHWSKQHTELSKLIKSYQKSQKDISE TLGNGVGFGTQPNNEVSAKHELEEQVKKLSHDTYSLQLMAALLENECQILQQRVEILKELHHQKQGTLQ EKPIQINYPKQDKKNQKPSEAKKVEYKQNKQAMKGTFWKKDRSCRSLDVCLNKKACNTQFNHIVARKALR GKMRSAASLR</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- 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:	<u>NP_115956</u>
RefSeq Size:	1873
RefSeq ORF:	1290
Synonyms:	CILD38; NYD-TSP1; PPP1R148



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Locus ID: 84654

UniProt ID: [Q9BXG8](#), [A0A140VKA5](#)

Cytogenetics: 5q14.1

Summary: This gene encodes a bHLH-zip transcription factor which functions in the mitogen-activate protein kinase (MAPK) signaling pathway. Because of its role in the upregulation of cell proliferation and tumorigenesis, this gene may serve as a target for Ras-induced tumor treatments. [provided by RefSeq, Oct 2011]

Product images:



Coomassie blue staining of purified SPZ1 protein (Cat# [TP307443]). The protein was produced from HEK293T cells transfected with SPZ1 cDNA clone (Cat# [RC207443]) using MegaTran 2.0 (Cat# [TT210002]).