

## Product datasheet for TP307443

### SPZ1 (NM\_032567) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human spermatogenic leucine zipper 1 (SPZ1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207443 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MASSAKSAEMPTISKTLNPTDPHQEYLDPRITIALFEIGSHSPSSWGSPLFLKNSSHQVTEQQTAQKFN            NLLKEIKDILKNMAGFEEKITEAKELFEETNITEDVSAHKENIRGLDKINEMLSTNLPVSLAPEKEDNEK            KQEMILETNITEDVSAHKENIRGLDKINEMLSTNLPVSLAPEKEDNEKKQOMIMENQNSENTAQVFARDL            VNRLEEKKVLNETQQSQEKAKNRLNVQEETMKIRNMEQLLQEAHWSKQHTELSKLIKSQKSKDISE            TLGNGVGFQTQPNNEVSAKHELEEQVKKLSHDTYSLQLMAALLENECQILQQRVEILKELHHQKQGTLO            EKPIQINYKQDKKNQKPSEAKKVEYKQNKQAMKGTFWKKDRSCRSLDVCLNKKACNTQFNHIVARKALR            GKMRSASSLR</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	49.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_115956</a>



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Locus ID:	84654
UniProt ID:	<a href="#">Q9BXG8</a>
RefSeq Size:	1873
Cytogenetics:	5q14.1
RefSeq ORF:	1290
Synonyms:	CILD38; NYD-TSP1; PPP1R148
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]).