

Recombinant Human SPZ1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SPZ1-3324H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SPZ1 MS Standard C13 and N15-labeled recombinant protein (NP_115956) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	49.5 kDa
AA Sequence	MASSAKSAEMPTISKTLNPTDPHQEYLDPRITIALFEIGSHSPSSWGSPLFLKNSSH QVTEQQTAQKFNNLLKEIKDILKNMAGFEEKITEAKELFEETNITEDVSAHKENIRGLD KINEMLSTNLPVSLAPEKEDNEKKQEMILETNITEDVSAHKENIRGLDKINEMLSTNLP VSLAPEKEDNEKKQQMIMENQSENTAQVFARDLVNRLEEKKVLNETQQSQEKAK NRLNVQEETMKIRNNMEQLLQEAHWSKQHTELSKLIQSYQKSQKDISETLGNGV GFQTQPNNEVSAKHELEEQVKKLSHDTYSLQLMAALLENECQILQQRVEILKELHHQ KQGTLEKPIQINYKQDKKNQKPSEAKKVEMYKQNKQAMKGTFWKKDRSCRSLDV CLNKKACNTQFNIHVARKALRGKMRSASSLRTRTRPLEQKLISEEDLAANDILDYKDD DDKV

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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.

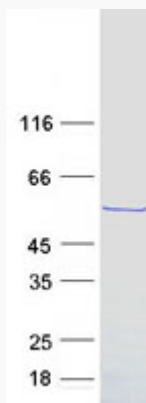
GENE INFORMATION

Gene Name	SPZ1 spermatogenic leucine zipper 1 [Homo sapiens (human)]
Official Symbol	SPZ1
Synonyms	SPZ1; spermatogenic leucine zipper 1; spermatogenic leucine zipper protein 1; FLJ25709; NYD TSP1; spermatogenic zip 1; testis-specific protein 1; NYD-TSP1;
Gene ID	84654
mRNA Refseq	NM_032567
Protein Refseq	NP_115956
MIM	618068
UniProt ID	Q9BXG8

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SDS-PAGE

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