

Recombinant Human ZER1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ZER1-3741H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ZER1 MS Standard C13 and N15-labeled recombinant protein (NP_006327) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a subunit of an E3 ubiquitin ligase complex that may be involved in meiosis. The encoded protein contains three leucine-rich repeat motifs.
Molecular Mass	88.2 kDa
AA Sequence	MASDTPESLMALCTDFCLRNLDGTLGYLLDKETLRLHPDIFLPSEICDRLVNEYVELV NAACNFEPHESFFSLFSDPRSTRLTRIHLREDLVQDQDLEAIRKQDLVELYLTNCEKL SAKSLQTLRSFSHTLVSLSLFGCTNIFYEEENPGGCEDYLVNPTCQVLVKDFTFEG FSRLRFLNLGRMIDWVPVESLLRPLNSLAALDLSGIQTSDAAFLTQWKDSLVSLLVLYN MDLSDDHIRVIVQLHKLRLHLDISRDLSSYYKFKLTREVLVSLFVQKLGNLMSLDISGH MILENCISKMEEEAGQTSIEPSKSSIIPIFRALKRPLQFLGLFENSLCRLTHIPAYKVSG DKNEEQVLNAIEAYTEHRPEITSRAINLLFDIARIERCNQLLRALKLVITALKCHKYDRN IQVTGSAALFYLTNSEYRSEQSVKLRRQVIQVVLNGMESYQEVTVQRNCCLTLCNFS IPEELEFQYRRVNELLLSILNPTRQDESIQRIAVHLCNALVCQVDNDHKEAVGKMGFV VTMLKLIQKKLLDKTCDQVMEFSWSALWNITDETPDNCMFNFGMKLFLDCLKEF PEKQELHRNMLGLLGNVAEVKELRPQLMTSQFISVFSNLLSKADGIEVSYNACGVL

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SHIMFDGPEAWGVCEPQREEVEERMWAAIQSWDINSRRNINYRSFEPILRLLPQGIS
PVSQHWATWALYNLVSYPDKYCPLLIKEGGMPLLRDIIKMATARQETKEMARKVIE
HCSNFKEENMDTSRTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 ZER1 zyg-11 related cell cycle regulator [Homo sapiens (human)]

Official Symbol ZER1

Synonyms ZER1; zer-1 homolog (C. elegans); C9orf60, chromosome 9 open reading frame 60, zyg 11 homolog B (C. elegans) like, ZYG11BL; protein zer-1 homolog; Hzyg; ZYG; ZYG homolog; homolog of Zyg-11; zyg-11 homolog B-like protein; C9orf60; ZYG11BL; RP11-545E17.4;

Gene ID 10444

mRNA Refseq NM_006336

Protein Refseq NP_006327

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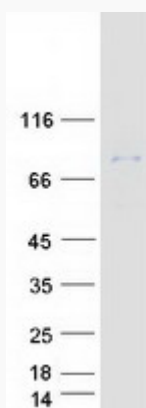
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MIM 617764

UniProt ID Q7Z7L7

SDS-PAGE



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