Recombinant Human ZAR1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ZAR1-923H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ZAR1 MS Standard C13 and N15-labeled recombinant protein (NP_783318) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This maternal effect gene is oocyte-specific and encodes a protein that is thought to function in the initiation of embryogenesis. A similar protein in mouse is required for female fertility.
Molecular Mass	45.7 kDa
AA Sequence	MAALGDEVLDGYVFPACPPCSYRYPYPAATKGKGAAGGSWQQRGRGCLPASSPC SAGAASLSFPGCGRLTAAEYFDSYQRERLMALLAQVGPGLGPRARRAGSCDVAVQ VSPRIDAAVQCSLGRRTLQRRARDPESPAGPGAEGTTGGGSFSQQPSRRGLEQGS PQNGAPRPMRFPRTVAVYSPLALRRLTAFLEGPGPAAGEQRSGASDGERGPPPAR LQGPEEGEVWTKKAPRRPQSDDDGEAQAAVRASWEQPADGPELPPREAQEGEAA PRSALRSPGQPPSAGRARDGGDGREAAVAGEGPSPRSPELGKERLRFQFLEQKYG YYHCKDCNIRWESAYVWCVQGTNKVYFKQFCRTCQKSYNPYRVEDITCQSCKQTR CSCPVKLRHVDPKRPHRQDLCGRCKGKRLSCDSTFSFKYIITRTRPLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

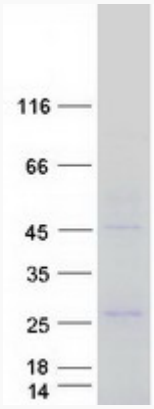
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ZAR1 zygote arrest 1 [Homo sapiens (human)]
Official Symbol	ZAR1
Synonyms	ZAR1; zygote arrest 1; Z3CXXC6; zygote arrest protein 1; oocyte-specific maternal effect factor; zinc finger, 3CxxC-type 6
Gene ID	326340
mRNA Refseq	NM_175619
Protein Refseq	NP_783318
MIM	607520
UniProt ID	Q86SH2

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SDS-PAGE	

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