

Product datasheet for **TP321731**

ZAR1 (NM_175619) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human zygote arrest 1 (ZAR1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221731 representing NM_175619 Red =Cloning site Green =Tags(s)

MAALGDEVLDGYVFPACPPCSYRYPYPAATKGKGAAGGSWQQRGRGCLPASSPCSAGAASLSFPGCGRLT
AAEYFDSYQRERLMALLAQVGPGLGPRARRAGSCDVAVQVSPRIDAAVQCSLGRRTLQRRARDPESPAGP
GAEGTTGGGSFSQQPSRRGLEQGSPQNGAPRPMRFPRTVAVYSPLALRRLTAFLEGP GPAAGEQRSGASD
GERGPPPARLQGPEEGEVWTKKAPRRPQSDDDGEAQA AVRASWEQPADGPELPPREAQEGEAAPRSALRS
PGQPPSAGRARDGGDGREAAVAGEGSPRSPELGKERLRFQFLEQKYGYHCKDCNIRWESAYVWCVQGT
NKVYFKQFCRTCQKSYNPNYRVEDITCQCKQTRCSCPVKLRHVDPKRP HRQDLCGRCKGKRLSCDSTFSF
KYII

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

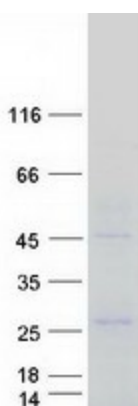
Tag:	C-Myc/DDK
Predicted MW:	45.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	NP_783318



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Locus ID:	326340
UniProt ID:	Q86SH2 , B9EG67
RefSeq Size:	1438
Cytogenetics:	4p11
RefSeq ORF:	1272
Synonyms:	Z3CXXC6
Summary:	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. [provided by RefSeq, Jul 2013]

Product images:



Coomassie blue staining of purified ZAR1 protein (Cat# TP321731). The protein was produced from HEK293T cells transfected with ZAR1 cDNA clone (Cat# [RC221731]) using MegaTran 2.0 (Cat# [TT210002]).