

Product datasheet for PH321731

ZAR1 (NM_175619) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZAR1 MS Standard C13 and N15-labeled recombinant protein (NP_783318)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221731
Predicted MW:	45.7 kDa
Protein Sequence:	>RC221731 representing NM_175619 Red=Cloning site Green=Tags(s) MAALGDEVLDGYVFPACPPCSYRYPYPAATKGKGAAGGSWQQRGRGCLPASSPCSAGAASLSFPGCGRLT AAEYFDSYQRERLMALLAQVGPGLGPRARRAGSCDVAVQVSPRIDAAVQCSLGRRTLQRRARDPESGAGP GAEGTTGGGSFSQQPSRRGLEQGSPQNGAPRPMRFPRTVAVYSPLALRRLTAFLEGPGPAAGEQRSASD GERGPPPARLQGPEEGEVWTKKAPRRPQSDDDGEAQAASRASWEQPADGPELPPREAQEGEAAPRSALRS PGQPPSAGRARDGGDREAAVAGEGSPRSPELGKERLRFQFLEQKYGYHCKDCNIRWESAYVWCVQGT NKVYFKQFCRTCQKSYNRYRVEDITCQSKQTRCSCPVKLRHVDPKRPQRDLGCRCKGKRLSCDSTFSF KYII TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_783318</u>
RefSeq Size:	1438
RefSeq ORF:	1272
Synonyms:	Z3CXXC6



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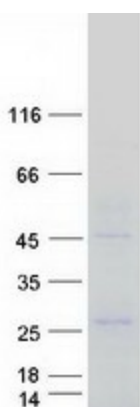
Locus ID: 326340

UniProt ID: [Q86SH2](#), [B9EG67](#)

Cytogenetics: 4p11

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]).