

Product datasheet for PH309752

ZNF313 (RNF114) (NM_018683) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RNF114 MS Standard C13 and N15-labeled recombinant protein (NP_061153)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209752
Predicted MW:	25.7 kDa
Protein Sequence:	>RC209752 protein sequence Red=Cloning site Green=Tags(s) MAAQQRDCGAAQLAGPAAEADPLGRFTCPVCLEVYEKPVQVPCGHVFCSAQLQECLKPKKPVCGVCRSA LAPGVRAVELERQIESTETSCHGCRKNFFLSKIRSHVATCSKYQNYIMEGVKATIKDASLQPRNVPNRYT FPCPYCPEKNFDQEGLEVEHCKLFHSTDTKSVVCPICASMPWGDPNYRSANFREHIQRRHRFSYDTFVDYD VDEEDMMNQVLQRSIIDQ TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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:	NP_061153
RefSeq Size:	2478
RefSeq ORF:	684
Synonyms:	PSORS12; ZNF313
Locus ID:	55905
UniProt ID:	Q9Y508

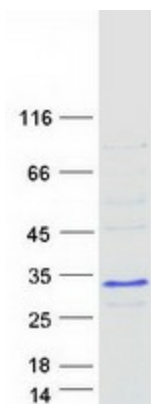


[View online »](#)

Cytogenetics: 20q13.13

Summary: E3 ubiquitin-protein ligase promoting the ubiquitination and degradation of the CDK inhibitor CDKN1A and probably also CDKN1B and CDKN1C. These activities stimulate cell cycle's G1-to-S phase transition and suppress cellular senescence. May play a role in spermatogenesis. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified RNF114 protein (Cat# [TP309752]). The protein was produced from HEK293T cells transfected with RNF114 cDNA clone (Cat# [RC209752]) using MegaTran 2.0 (Cat# [TT210002]).