

Product datasheet for PH303434

PNO1 (NM_020143) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PNO1 MS Standard C13 and N15-labeled recombinant protein (NP_064528)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203434
Predicted MW:	27.9 kDa
Protein Sequence:	>RC203434 protein sequence Red=Cloning site Green=Tags(s) MESEMETQSARAEEGFTQVTRKGGRRRAKKRQAEQLSAAGEGGDAGRMDTEEARPAKRPVFPPLCGDGLLS GKEETRKIPVPANRYTPLKENWMKIFTPIVEHLGLQIRFNLSRNVEIRTCKETKDVSALTKAADFVKAF ILGFQVEDALALIRLDDLFLESFEITDVKPLKGDHLSRAIGRIAGKGGKTKFTIENVTRTRIVLADVKVH ILGSFQNIKMARTAICNLILGNPPSKVYGNIRAVASRSADRF 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_064528
RefSeq Size:	1994
RefSeq ORF:	756
Synonyms:	KHRBP1; RRP20
Locus ID:	56902
UniProt ID:	Q9NRX1

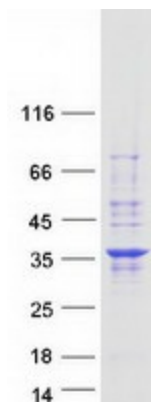


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Cytogenetics: 2p14

Summary: Positively regulates dimethylation of two adjacent adenosines in the loop of a conserved hairpin near the 3'-end of 18S rRNA (PubMed:25851604).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified PNO1 protein (Cat# [TP303434]). The protein was produced from HEK293T cells transfected with PNO1 cDNA clone (Cat# [RC203434]) using MegaTran 2.0 (Cat# [TT210002]).