

Product datasheet for PH303702

PRTFDC1 (NM_020200) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PRTFDC1 MS Standard C13 and N15-labeled recombinant protein (NP_064585)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203702
Predicted MW:	25.7 kDa
Protein Sequence:	>RC203702 protein sequence Red=Cloning site Green=Tags(s) MAGSSEEAPDYGRGVVIMDDWPGYDLNLFYYPQHYYGDLEYVLIIPHGIIVDRIERLAKDIMKDIGYSDIM VLCVLKGGYKFCADLVEHLKNISRNSDRFVSMKVDFIRLKSyrNDQSMGEMQIIGGDDLSTLAGKNVLI EDVVGTRTKALLSNIEKYKPNMIKVASLLVKRTSRSDGFRPDYAGFEIPNLFVVGALDYNEYFRDLN HICVINEHGKEKYRV 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_064585
RefSeq Size:	2002
RefSeq ORF:	675
Synonyms:	HHGP
Locus ID:	56952
UniProt ID:	Q9NRG1



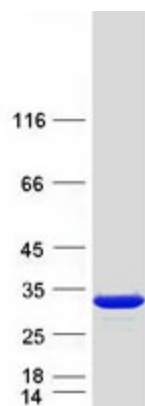
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Cytogenetics: 10p12.1

Summary: Has low, barely detectable phosphoribosyltransferase activity (in vitro). Binds GMP, IMP and alpha-D-5-phosphoribosyl 1-pyrophosphate (PRPP). Is not expected to contribute to purine metabolism or GMP salvage.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified PRTFDC1 protein (Cat# [TP303702]). The protein was produced from HEK293T cells transfected with PRTFDC1 cDNA clone (Cat# [RC203702]) using MegaTran 2.0 (Cat# [TT210002]).