

Product datasheet for PH310314

PRKRIR (THAP12) (NM_004705) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PRKRIR MS Standard C13 and N15-labeled recombinant protein (NP_004696)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210314
Predicted MW:	87.7 kDa
Protein Sequence:	>RC210314 protein sequence Red=Cloning site Green=Tags(s)

MPNFCAAPNCTRKSTQSDLAFFRFRDPPARCQKWENCRRADLEDKTPDQLNKHYRLCAKHFETSMICRT
SPYRTVLRDNAIPTIFDLTSHLNNPHSRHRKRIKELSEDKIRTLKQKKIDETSEQEQKHKETNNSNAQNP
SEEEGEGQDEDILPLTLEEKENKEYLKSLEIFILMGKQNIPLDGHEADEIPEGLFTPDPNFQALLECRIN
SGEEVLRKRFETTAVNTLFCSTQQRQMLEICESCIREETLREVRDSSHFFSIITDDVVDIAGEEHLPLV
RFVDESHNLRREEFIGFLPYEADAEILAVKFHTMITEKWGLNMEYCRGQAYIVSSGFSSRMKVVASRLEK
YPQAIYTLCSSCALNMWLAKSVPVMGVSVALGTIEEVCSFFHRSPQLLLELDNVISVLFQNSKERGKELK
EICHSQWTGRHDAFEILVELLQALVLCLDGINSNTNIRWNNYIAGRAFLCSAVSDFDFIVTVVVLKNVL
SFTRAFGKNLQGQTSDFVFAAGSLTAVLHSLNEVMENIEVYHEFWFEEATNLATKLDIQMKLPGKFRRAH
QGNLESQLTSESYYKETLSVPTVEHIIQELKDFSEQHLKALKCLSLVPSVMGQLKFNTSEEHADMYRS
DLPNPDLSAELHCWRIKWKHRGKDIELPSTIYEALHLPDIKFFPNVYALLKVLCLPVMKVENERYENG
RKRLKAYLRNTLTDQRSSNLALLNINFDIKHDLDMVDYIKLYTSKSELPTDNSETVENT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

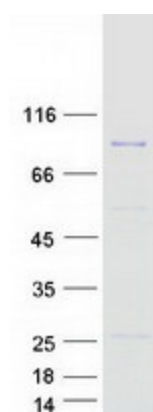
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004696



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RefSeq Size:	3202
RefSeq ORF:	2283
Synonyms:	DAP4; P52rIPK; PRKRIR; THAP0
Locus ID:	5612
UniProt ID:	O43422 , A0A140VJQ7
Cytogenetics:	11q13.5
Summary:	Upstream regulator of interferon-induced serine/threonine protein kinase R (PKR). May block the PKR-inhibitory function of DNAJC3, resulting in restoration of kinase activity and suppression of cell growth.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified THAP12 protein (Cat# [TP310314]). The protein was produced from HEK293T cells transfected with THAP12 cDNA clone (Cat# [RC210314]) using MegaTran 2.0 (Cat# [TT210002]).