Recombinant Human THAP12 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. THAP12-6477H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRKRIR MS Standard C13 and N15-labeled recombinant protein (NP_004696) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	87.7 kDa
AA Sequence	MPNFCAAPNCTRKSTQSDLAFFRFPRDPARCQKWVENCRRADLEDKTPDQLNKHY RLCAKHFETSMICRTSPYRTVLRDNAIPTIFDLTSHLNNPHSRHRKRIKELSEDKIRTL KQKKIDETSEQEQKHKETNNSNAQNPSEEEGEGQDEDILPLTLEEKENKEYLKSLFEI LILMGKQNIPLDGHEADEIPEGLFTPDNFQALLECRINSGEEVLRKRFETTAVNTLFCS KTQQRQMLEICESCIREETLREVRDSHFFSIITDDVVDIAGEEHLPVLVRFVDESHNL REEFIGFLPYEADAEILAVKFHTMITEKWGLNMEYCRGQAYIVSSGFSSRMKVVASR LLEKYPQAIYTLCSSCALNMWLAKSVPVMGVSVALGTIEEVCSFFHRSPQLLLELDN VISVLFQNSKERGKELKEICHSQWTGRHDAFEILVELLQALVLCLDGINSDTNIRWNN YIAGRAFVLCSAVSDFDFIVTVVVLKNVLSFTRAFGKNLQGQTSDVFFAAGSLTAVLH SLNEVMENIEVYHEFWFEEATNLATKLDIQMKLPGKFRRAHQGNLESQLTSESYYKE

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	TLSVPTVEHIIQELKDIFSEQHLKALKCLSLVPSVMGQLKFNTSEEHHADMYRSDLPN PDTLSAELHCWRIKWKHRGKDIELPSTIYEALHLPDIKFFPNVYALLKVLCILPVMKVE NERYENGRKRLKAYLRNTLTDQRSSNLALLNINFDIKHDLDLMVDTYIKLYTSKSELP TDNSETVENTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	THAP12 THAP domain containing 12 [Homo sapiens (human)]
Official Symbol	THAP12
Synonyms	THAP12; THAP domain containing 12; DAP4; THAP0; PRKRIR; P52rIPK; 52 kDa repressor of the inhibitor of the protein kinase; 58 kDa interferon-induced protein kinase-interacting protein; P58IPK-regulatory protein; THAP domain-containing protein 0; THAP domain-containing protein 12; death-associated protein 4; inhibitor of protein kinase PKR; p58IPK-interacting protein; protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P58 repressor); testicular tissue protein Li 133
Gene ID	5612

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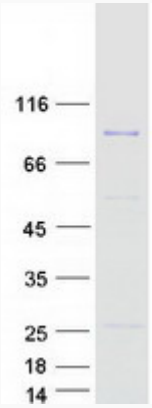
mRNA Refseq	NM_004705
Protein Refseq	NP_004696
MIM	607374
UniProt ID	O43422
SDS-PAGE	

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