

Datasheet for ABIN7560648
PRKRIR Protein (AA 1-758) (His tag)



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Overview

Quantity:	1 mg
Target:	PRKRIR
Protein Characteristics:	AA 1-758
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRKRIR protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Thap12 Protein expressed in mammalian cells.
Sequence:	MPNFCAAPNC TRKSTQSDLA FFRFPRDPA CQKQWVENCRR ADLEDKTPDQ LNKHYRLCAK HFETSMICRT SPYRTVLRDN AIPTIFDLTS HLNNPHSRHR KRIKELSEDE IRTLKQKKIE ETSEQEQETN TNAQNPSAEA VNQQDANVLP LTLEEKENKE YLKSLEILV LMGKQNIPLD GHEADEVPEG LFAPDNFQAL LECRINSGEE VLRKRFEATA VNTLFCSTQ QRHMLEICES CIREETLREV RDSHFFSIIT DDVVDIAGEE HLPVLRVFD DAHNLREEFV GFLPYEADAE ILAVKFHTTI TEKWGLNMEY CRGQAYIVSS GFSSKMVVA SRLLEKYPQA VYTLCCSSCAL NAWLAKSVPV IGVSVLGTI EEVCSFFHRS PQLLLELDSV ISVLFQNSEE RAKELKEICH SQWTGRHDAF EILDLLQAL VLCLDGIINS DTNVRWNNYI AGRFVLCSA VTDFDFIVTI VVLKNVLSFT RAFGKNLQGG TSDVFFAASS LTAVLHSLNE VMENIEVYHE FWFEEATNLA TKLDIQMKLP GKFRRAQGN LESQLTSESY YKDTLSVPTV EHIIQELKDI FSEQHLKALK CLSLVPSVMG QLKFNTESEH HADMYRSDLP NPDTLSAELH CWRIKWKHRG KDIELPSTIY EALHLPDIKF FPNVYALLKV LCILPVMKVE NERYENGRKR LKAYLRNTLT DQRSSNLALL

Product Details

NINFDIKHDL DLMVDTYIKL YTNKSELPTI NSETIENT **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: PRKRIR

Alternative Name: Thap12 ([PRKRIR Products](#))

Background: 52 kDa repressor of the inhibitor of the protein kinase (p52rIPK) (58 kDa interferon-induced protein kinase-interacting protein) (p58IPK-interacting protein) (THAP domain-containing protein 0) (THAP domain-containing protein 12),FUNCTION: 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. {ECO:0000250}.

Target Details

Molecular Weight: 87.0 kDa

UniProt: [Q9CUX1](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months