

Datasheet for ABIN7548269

HIPK4 Protein (AA 1-616) (His tag)



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Overview

Quantity:	1 mg
Target:	HIPK4
Protein Characteristics:	AA 1-616
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HIPK4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HIPK4 Protein expressed in mammalian cells.
Sequence:	<p>MSTIQSETDC YDIIIVLGKG TFGEVAKGWR RSTGEMVAIK ILKNDAYRNR IIKNELKLLH</p> <p>CMRGLDPEEA HVIRFLEFFH DALKFYLVFE LLEQNLFEFQ KENNFAPLPA RHIRTVTLQV</p> <p>LTALARLKEI AIIHADLKPE NIMLVDQTRC PFRVKVIDFG SASIFSEVRY VKEPYIQSRF</p> <p>YRAPEILLGL PFCEKVDVWS LGCVMAELHL GWPLYPGNNE YDQVRYICET QGLPKPHLLH</p> <p>AACKAHHFFK RNPHPDAANP WQLKSSADYL AETKVRPLER RKYMLKSLDQ IETVNGGSVA</p> <p>SRLTFPDREA LAEHADLKSM VELIKRMLTW ESHERISPSA ALRHPFVSMQ QLRSAHETTH</p> <p>YYQLSLRSYR LSLQVEGKPP TPVVAEDGT PYYCLAEKE AAGMGSVAGS SPFFREEKAP</p> <p>GMQRAIDQLD DLSLQEAGHG LWGETCTNAV SDMMVPLKAA ITGHHVPDSG PEPILAFYSS</p> <p>RLAGRHKARK PPAGSKSDSN FSNLIRLSQV SPEDDRPCRG SSWEEGEHLG ASAEPILAIQ</p> <p>RDEDGPNIDN MTMEAERPDP ELFDPSSCPG EWLSEPDCTL ESVRGPRAGG LPPRRSHQHG</p> <p>PPRGATSFLQ HVTGHH Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</p>

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	HIPK4
Alternative Name:	HIPK4 (HIPK4 Products)
Background:	Homeodomain-interacting protein kinase 4 (EC 2.7.11.1),FUNCTION: Protein kinase that phosphorylates human TP53 at Ser-9, and thus induces TP53 repression of BIRC5 promoter (By similarity). May act as a corepressor of transcription factors (Potential). {ECO:0000250, ECO:0000305}.
Molecular Weight:	69.4 kDa
UniProt:	Q8NE63

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