

Datasheet for ABIN7564162  
**IBTK Protein (AA 1-1352) (His tag)**



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## Overview

Quantity:	1 mg
Target:	IBTK
Protein Characteristics:	AA 1-1352
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IBTK protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant IbtK Protein expressed in mammalian cells.
Sequence:	<p>MDAATPDCTS KCRSLKHALD VLSVTKGSE SSIKSFLARY CYNAATVKDA FGRNAGHLAS</p> <p>SCGKKGVLDW LIEKGVDLLV KDKESGWTAL HRSVFYGHID CVWSLLKHGV SLYMQDKEGL</p> <p>SPLDLLMKDR PTHVVFKDTD PTEVYTWGDN TNFTLGHGSQ NSKHHPHELLD LFSRSGVYVK</p> <p>QVVLCKFHSV FLSQKGQVYT CGHGRGGRLG HGDEQTCLVP RLVEGLSGHN CSQVAAAKDH</p> <p>TVVLTDDGCV YTFGLNMFHQ LGIIPPPASC NVPRQIQAKY LKGRTIIGVA AGRFHTVLWT</p> <p>REAVYTLGLN GGQLGHLLDP NGEKCVTPPR QVSALHHKDI AVSLVAASDG ATVCVTTTRGD</p> <p>IYLLADYQCK KMATKQLNLK KVLVSGGCME YKVDPEHLTE NGGQKICVLA MDGAGRVFCW</p> <p>RSISSSLKQC RWAYPRQVSI SDIALNRNEI LFVTQDGEFG KGKWFEDKRK NSEKKADILP</p> <p>NLHHSSSDVS CVPDTNSVYE RIRLEKLPFA HRAVSVSTDP SGCNFAILQS DPKTSLYEIP</p> <p>VVSSSSFFEE FGKLLRETDE MDSFHDVTFQ VGNRHFPAAHK YILAVRSDFF QKLFLSDGSS</p> <p>LELTDVYQKD EDAAGCHLFV VEKVHPDLFE YLLQFMYTDT CDLLTHGFKP RMIVKRKAED</p> <p>CEGSPDShLH TVNCHVDDKQ KSAFEVYRSN QAHTLSERQK SKPKSSKKGK GVGDDDPVRM</p>

LQSVAKKFGL SNLSSRLEGV RLENEKINVI AKKTGNKCLKL SQKKCSFLYD VTMKSVDGKE  
FSCHKCVLCA RLEYFHSMLS RSWIEASSCA ALEMPIQSEI LKVILDYLYT DEAVVIKESQ  
NVDFVCSVLV VADQLLITRL KEICEVALTE NLTLKNAAML LEFAALYNAG QLKLSCLQFI  
GLNMAALLEA RSLDVLSEDV LKDLSIFYRK MIPAMERRVI TPYQDGPDIS SMQVEDGEVF  
FKEEINMEPN YSETMFKKAK TRAKKKPRKR SDSSGGYTLS DVIQSPPSAG LLKSAKTNSV  
ESLPELLTSD SEGSYAGVAS PRDLQSPDFT AGFHSDKVEG KAKPYVNGIP PPCTREDVKP  
WEKSPTTKSA PQFIPSNRVD TAASSSWLAG SCSPVSPPVV DLRTIMETEE NRQKYGAAPK  
SNLGKIISHG IKLSQKQRKM IALTTKENNS GTNSMEAILT APSKSPKPAN AWAPLHSPLS  
RSFRDFLLEE KKPVPGYGSG DHVKKVCFKG TENSALNVA RCSTHGTPGL ESNHVSDFPL  
LDSPNPWQSS SLAASPAVAP VTFASIVEEE RQQAALIRS REKPLALIQV EEHAIQDLLV  
FYEAFGNPEE FVVVERAPQG PLAVPMWNKH GC

**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:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <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:	IBTK
Alternative Name:	lbtok ( <a href="#">IBTK Products</a> )
Background:	Inhibitor of Bruton tyrosine kinase (IBtk),FUNCTION: Acts as an inhibitor of BTK tyrosine kinase activity, thereby playing a role in B-cell development. Down-regulates BTK kinase activity, leading to interference with BTK-mediated calcium mobilization and NF-kappa-B-driven transcription (By similarity). {ECO:0000250}.
Molecular Weight:	149.6 kDa
UniProt:	<a href="#">Q6ZPR6</a>

## 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