

Datasheet for ABIN7554139  
**IBTK Protein (AA 1-1353) (His tag)**



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## Overview

Quantity:	1 mg
Target:	IBTK
Protein Characteristics:	AA 1-1353
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IBTK protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat IBTK Protein expressed in mammalien cells.
Sequence:	MSSPMPDCTS KCRSLKHALD VLSVVTKGSE NQIKAFSSH CYNAATIKDV FGRNALHLVS SCGKKGVLWD LIQKGVDLLV KDKESGWTAL HRSIFYGHID CVWSLLKHGV SLYIQDKEGL SALDLVMKDR PTHVVFKNTPD PTDVYTWGDN TNFTLGHGSQ NSKHHPPELVD LFSRSGIYIK QVVLCKFHVS FLSQKGQVYT CGHGPGGRLG HGDEQTCLVP RLVEGLNGHN CSQVAAAKDH TVVLTEDGCV YTFGLNIFHQ LGIPPPSSC NVPRQIQAKY LKGRTIIGVA AGRFHTVLWT REAVYTMGLN GGQLGCLLDP NGEKCVTAPR QVSALHHKDI ALSLVAASDG ATVCVTRRGD IYLLADYQCK KMASKQLNLK KVLVSGGHME YKVDPEHLKE NGGQKICILA MDGAGRVFCW RSVNSSLKQC RWAYPRQVFI SDIALNRNEI LFVTQDGEGF RGRWFEEKPK SSEKKEILSN LHNSSSDVSY VSDINSVYER IRLEKLTFAH RAVSVSTDPS GCNFAILQSD PKTSLYEIPA VSSSSFFEEF GKLLREADEM DSIHDVTFQV GNRLFPAHKY ILAVHSDFFQ KLFLSDGNTS EFTDIYQKDE DSAGCHLFVV EKVHPDMFEY LLQFIYTDTC DFLTHGFKPR IHLNKNPEEY

QGTLNSHLNK VNFHEDDNQK SAFEVYKSNQ AQTVSERQKS KPKSCKKGKN IREDDPVRML  
QTVAKKFDFFS NLSSRLDGVR FENEKINVIA KNTGNKLLKLS QKKCSFLCDV TMKSVDGKEF  
PCHKCVLCAR LEYFHSMMLSS SWIEASSCAA LEMPIHSDIL KVILDYLYTD EAVVIKESQN  
VDFICSVLVV ADQLLITRLK EICEVALTEK LTLKNAAMLL EFAAMYSAKQ LKLSCLQFIG  
LNMAALLEAR SLDVLSDGVL KDLSEFYRKM IPAMDRRVIT PYQDGPDISY LEVEDGDIFL  
KEEINMEQNH SETMFKKAKT KAKKKPRKRS DSSGGYNLSD IIQSPSSTGL LKSGKTNSVE  
SLPELLTSDS EGSYAGVGSP RDLQSPDFTT GFHSDKIEAK VKPYVNGTSP VYSREDLKPW  
EKSPILKISA PQPIPSNRID TTSSASWVAG SFSPVSPV VDLRIMEIEE SRQKCGATPK  
SHLGKTVSHG VKLSQKQRKM IALTTKENNS GMNSMETVLF TPKAPKPVN AWASSLHSVS  
SKSFRDFLLE EKKSVTSHSS GDHVKKVSFK GIENSQAPKI VRCSTHGTPG PEGNHISDLP  
LLDSPNPWLS SSVTAPSMVA PVTFAVIEE ELQQAALIR SREKPLALIQ IEEHAIQDLL  
VFYEAFGNPE EKVIVERTPQ GPLAVPMWNK HGC **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.**

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### 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.

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Purity: > 90 % as determined by Bis-Tris Page, Western Blot

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Grade: custom-made

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## Target Details

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Target: IBTK

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## Target Details

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Alternative Name:	IBTK ( <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. {ECO:0000269 PubMed:11577348}.
Molecular Weight:	150.5 kDa
UniProt:	<a href="#">Q9P2D0</a>

## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

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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