

Datasheet for ABIN7555046  
**POGZ Protein (AA 1-1410) (His tag)**



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## Overview

Quantity:	1 mg
Target:	POGZ
Protein Characteristics:	AA 1-1410
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POGZ protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant POGZ Protein expressed in mammalian cells.
Sequence:	MADTDLFMEC EEEEELEPWQK ISDVIEDSVV EDYNSVDKTT TVSVSQQPVS APVPIAAHAS VAGHLSTSTT VSSSGAQNSD STKKTTLVTLI ANNNAGNPLV QGGGQPLILT QNPAPGLGTM VTQPVLRPVQ VMQNaNHVTS SPVASQPIFI TTQGFVVRNV RVPQNAMNQV GIVLNVQQGQ TVRPITLVPA PGTQFVKPTV GVPQVFSQMT PVRPGSTMPV RPTTNTFTTV IPATLTIRST VPQSQSQQTK STPSTSTTPT ATQPTSLGQL AVQSPGQSNQ TTNPKLAPSF PSPPAVSIAS FVTVKRPGVT GENSNEVAKL VNTLNTIPSL GQSPGPVWVS NNSSAHGSQR TSGPESSMKV TSSIPVFDLQ DGGRKICPRC NAQFRVTEAL RGHMCYCCPE MVEYQKKGKS LDSEPSVPSA AKPPSPEKTA PVASTPSSTP IPALSPPTKV PEPNENVGDA VQTKLIMLVD DFYYGRDGGK VAQLTNFPKV ATSFRCPHCT KRLKNNIRFM NHMKHHVELD QQNGEVDGHT ICQHCYRQFS TPFQLQCHLE NVHSPYESTT KCKICEWAFE SEPLFLQHMK DTHKPGEMPY VCQVCQYRSS LYSEVDVHFR MIHEDTRHLL CPYCLKVFKN GNAFQQHYMR HQKRNVYHCN KCRLQFLFAK DKIEHKLQHH KTFRKPKQLE GLKPGTKVTI RASRGQPRTV PVSSNDTPPS ALQEAPLTS

SMDPLPVFLY PPVQRSIQKR AVRKMSVMGR QTCLECSFEI PDFPNHFPTY VHCSLCRYST  
CCSRAYANHM INNHVPRKSP KYLALFKNSV SGIKLACTSC TFVTSVGDAM AKHLVFNPSH  
RSSHILPRGL TWIAHSRHGQ TRDRVHDRNV KNMYPPPSFP TNKAATVKSA GATPAEPEEL  
LTPLALPS PASTATPPPT PTHPQALALP PLATEGAECL NVDDQDEGSP VTQEPELASG  
GGGSGGVGKK EQLSVKCLR VLFALCCNTE QAAEHFRNPQ RRIRRWLRRF QASQGENLEG  
KYLSFEAEEK LAEWVLTQRE QQLPVNEETL FQKATKIGRS LEGGFKISYE WAVRFMLRHH  
LTPHARRAVA HTLPKDVAEN AGLFIDFVQR QIHNQDLPLS MIVAIDEISL FLDTEVLSSD  
DRKENALQTV GTGEPWCDVV LAILADGTVL PTLVYFRGQM DQPANMPDSI LLEAKESGYS  
DDEIMELWST RVWQKHTACQ RSKGMLVMDC HRTHLSEEVL AMLSASSTLP AVVPAGCSSK  
IQPLDVCIKR TVKNFLHKKW KEQAREMADT ACSDSVLLQL VLVWLGEVLG VIGDCPELVQ  
RSFLVASVLP GPDGNINSPT RNADMQEELI ASLEEQLKLS GEHSESSTPR PRSSPEETIE  
PESLHQLFEG ESETESFYGF EEADLDLMEI **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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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.

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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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target:	POGZ
Alternative Name:	POGZ ( <a href="#">POGZ Products</a> )
Background:	<p>Pogo transposable element with ZNF domain (Suppressor of hairy wing homolog 5) (Zinc finger protein 280E) (Zinc finger protein 635),FUNCTION: Plays a role in mitotic cell cycle progression and is involved in kinetochore assembly and mitotic sister chromatid cohesion. Probably through its association with CBX5 plays a role in mitotic chromosome segregation by regulating aurora kinase B/AURKB activation and AURKB and CBX5 dissociation from chromosome arms (PubMed:20562864). Promotes the repair of DNA double-strand breaks through the homologous recombination pathway (PubMed:26721387). {ECO:0000269 PubMed:20562864, ECO:0000269 PubMed:26721387}.</p>
Molecular Weight:	155.3 kDa
UniProt:	<a href="#">Q7Z3K3</a>

## Application Details

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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

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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