

Datasheet for ABIN7554899

PEG3 Protein (AA 1-1588) (His tag)



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Overview

Quantity:	1 mg
Target:	PEG3
Protein Characteristics:	AA 1-1588
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PEG3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat PEG3 Protein expressed in mammalian cells.
Sequence:	MLPPKHLSAT KPKKSWAPNL YELDSLTK E PDVIIGEGPT DSEFFHQRFRLNIYVEFVGP RKTLIKLRNL CLDWLQPETR TKEEIIELLV LEQYLTIPE KLKPWVRACK PENCEKLVTL LENYKEMYQP EDDNNSDVTSDDDMTRNRRESPPHSVHSF SDRDWDRRGR SRDMEPRDRW SHTRNPRSRM PPRDLSLPVV AKTSFEMDRE DDRDSRAYES RSQDAESYQN VVDLAEDRKP HNTIQDNMEN YRKLLSLVQL AEDDGHSMT QGHSSRSKRS AYPSTSRGLK TMPEAKKSTH RRGICEDESS HGVIMEKFIK DVSRSSKSGR ARESSDRSQRFPRMSDDNWK DISLNKRESV IQQRVYEGNA FRGGFRFNST LVSRRKVLRRRYHFDTDG KGSIHQKGC PRKKPFECGS EMRKAMSVSS LSSLSSPSFT ESQPIDFGAM PYVCDECGRS FSVISEFVEH QIMHTRENLY EYGESFIHSV AVSEVQKSQV GGKRFECKDC GETFNKSAAL AEHRKIHARG YLVECKNQC EEAFMPSPTF SELQKIYGKD KFYECRVCKE TFLHSSALIE HQKIHFGDDK DNEREHERER ERERGETFRP SPALNEFQKM YGKEKMYECK VCGETFLHSS SLKEHQKIHT RGNPFENKGGK

VCEETFIPGQ SLKRRQKTYN KEKLCDFDTG RDAFMQSSEL SEHQKIHSRK NLFEGRGYEK
SVIHSGPFTE SQKSHITRP LESDEDEKAF TISSNPYENQ KIPTKENVYE AKSYERSVIH
SLASVEAQKS HSVAGPSKPK VMAESTIQSF DAINHQRVRA GGNTSEGREGY SRSVIHSLVA
SKPPRSHNGN ELVESNEKGE SSIYISDLND KRQKIPAREN PCEGGSKNRN YEDSVIQSVF
RAKPQKSVPG EGSGEFKKDG EFSVPSSNVR EYQKARAKKK YIEHRSNETS VIHSLPFGEQ
TFRPRGMLYE CQECGECFAH SSDLTEHQKI HDREKPSGSR NYEWSVIRSL APTDPQTSYA
QEYAKEQAR NKCKDFRQFF ATSEDLNTNQ KIYDQEKSHG EESQGENTDG EETHSEETHG
QETIEDPVIQ GSDMEDPQKD DPDDKIYECE DCGLGFVDLT DLTDHQKVHS RKCLVDSREY
THSVIHTHSI SEYQRDYGTE QLYECPKCGE SFIHSSFLFE HQRIHEQDQL YSMKGCDDGF
IALLPMKPRR NRAAERNPAL AGSAIRCLLC GQGFIHSSAL NEHMRLHRED DLLEQSQMAE
EAIIPGLALT EFQRSQTEER LFECAVCGES FVNPAELADH VTVHKNEPYE YGSSYHTTSF
LTEPLKGAIP FYECKDCGKS FIHSTVLTKH KELHLEEEEE DEAAAAAAAA AQEVEANVHV
PQVVLRIQGL NVEAAEPEVE AAEPEVEAAE PEVEAAEPNG EAEGPDGEAA EPIGEAGQPN
GEAEQPNGDA DEPDGAGIED PEERAEPEG KAEEPEGDAD EPDGVGIEDP EEGEDQEIQV
EOPYDCHCET TETFTSSTAF SEHLKTHASM IIFEPANAFG ECSGYIERAS TSTGGANQAD
EKYFKCDVCG QLFNDRLSLA RHQNTHTG **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.**

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, Western Blot

Product Details

Grade: custom-made

Target Details

Target: PEG3

Alternative Name: PEG3 ([PEG3 Products](#))

Background: Paternally-expressed gene 3 protein (Zinc finger and SCAN domain-containing protein 24),FUNCTION: Induces apoptosis in cooperation with SIAH1A. Acts as a mediator between p53/TP53 and BAX in a neuronal death pathway that is activated by DNA damage. Acts synergistically with TRAF2 and inhibits TNF induced apoptosis through activation of NF-kappa-B (By similarity). Possesses a tumor suppressing activity in glioma cells. {ECO:0000250, ECO:0000269|PubMed:11260267}.

Molecular Weight: 180.8 kDa

UniProt: [Q9GZU2](#)

Application Details

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

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