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Datasheet for ABIN7563747
PEG3 Protein (AA 1-1571) (His tag)

Overview

Quantity:	1 mg
Target:	PEG3
Protein Characteristics:	AA 1-1571
Origin:	Mouse
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 mammalien cells.
Sequence:	MYHHEDDTNS DMNSDDDMSR SGRETPPPRP SHAFGSERDL ERRGRSRDVE PRDRWPYTRN PRSRLPQRDL SLPVMSRPHF GLDRDDRRS MDYESRSQDA ESYQNVVELK EDKPKQNPQI DNLENYRKLKLL SLGVQLAEDD RSHMTQGHS SRSKRTAYPS TSRGLKPMPE AKKPSHRRGI CEDESSHGVI MEKFIKDVAR NPKSGRAREL NERPPPRFPR PNDNWKDSSS SRRESVIQER GYEGSAFRGG FRFNADLASR SRALERKRRY HFDSDERGSG HEHKSCVRKK PFECGAEMRQ AMSMGNLNSP SFSESQSIDF GANPYVCDEC GRQFSVISEF VEHQIMHTRE NLYEYGESFI HSVAVNEVQK GQGGGKRFEC KECGETFSRS AALAEHRQIH AREYLAECDR QEDEETIMPS PTFSELQKMY GKDKFYECKV CKETFLHSSA LIEHQKIHGR GNSDDRDNER ERERDRLRAR AREQRERERE RERERELGEP FLTCPNFNEF RKMYRKDKIY ECKVCGESFL HLSSLREHQK IHTRGNPFEN KSRMCEETFV PSQSLRRRQK TYREKLDFDN NARDALMGNS DSSEHQKNRS RRNFFEGRGF EKPFVESQKS HTITRPPENK DDDKPFTISV NPNDKLFPI MENGSQGKSY

ERSVIHSLGS AEAQKSHGGL GFSKPRPVAE SSTQSSSIY YPRAHSGGNT YEGKEYKDSI
IHSLPAPRPL KRHRANDHIQ CDEGGESSIY IPDIINKGRK IPAREDAYEG SSSSNYHTPN
VSRAEPPSLG GESHDSKQDV TFSVPSSSVR EHQKARAKKK YIEPRNNETS VIHSLPFGEL
LAGHRRAKFF ECQECGEAFA RRSELIEHQK IHDRERPSGS RHYERSVIRS LAPSDPQTSY
AQERFIQEQV RKFRAFGQRS TTSNNLSVQK IYAQETFNAE EPHDKETHGQ KIHDKPEYVK
EPGKPEPHGD EPQDKEPLDQ EMRSEEPHDD KPHGQEPHDD KPHGQEPHDD KPHGQEPHGD
EPHGQEPHGD EPHDKPEIDQ EMRSEEPHSE ESHGDEPHGE ESHGQEKVED ATIQASVSEE
HQKDDAGDAI YECQDCGLGF TDLNDLTSHQ DTHSRKALVD SREYAHSEVH AHSVSEFEKK
CSGEKLYECP KCGESFIHSS LLFEHQRVHE QDQLYSVKAC DDAFIALLPV RPRRNCTVER
NPAVSGSAIR CRQCGQGFH SSALNEHMRQ HRDNEIMEQS ELSDEIFIQG LALTEYQGSE
TEEKLFECTI CGECFFAKQ LGDHHTKVHK DEPYEYGPSY THASFLTEPL RKHIPLYECK
DCGQSFLDDT VIAERMVFHP EREGGSEIVA ATAQEVEANV LIPQEVLRQ GSNAEAAEPE
VEAAEPEVEA AEPEVEAAEP NGEAEGPDGE AAEPDGAEQ PNGEAEQPNG DADEPDGAGI
EDPEERADEP EEDVEEPEGD ADEPDGADIE DPEEEGEDQE IEVEEPPYNC HECAETFASS
SAFGEHLKSH ASVIIFEPAN APGECSGYIE RASTSAGGAE QADDKYFKCD VCGQLFNDR
SLARHQNSHT G **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

Grade: custom-made

Target Details

Target:	PEG3
Alternative Name:	Peg3 (PEG3 Products)
Background:	Paternally-expressed gene 3 protein (ASF-1),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. Plays a role in regulating maternal behavior and offspring growth. {ECO:0000269 PubMed:10195900, ECO:0000269 PubMed:10681424, ECO:0000269 PubMed:11943780, ECO:0000269 PubMed:9500555}.
Molecular Weight:	178.9 kDa
UniProt:	Q3URU2

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