

Datasheet for ABIN7564032
PDS5A Protein (AA 1-1332) (His tag)



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Overview

Quantity:	1 mg
Target:	PDS5A
Protein Characteristics:	AA 1-1332
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDS5A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pds5a Protein expressed in mammalien cells.
Sequence:	MDFTQPKPAT ALCGVVSADG KIAYP PGVKE ITDKITDEM IKRLKMVVKT FMDMDQDSED EKQQYLPLAL HLASEFFLRN PNKDVRLVA CCLADIFRIY APEAPYTS HD KLKDIFLFIT RQLKGLEDTK SPQFNRYFYL LENLAWVKS Y NICFELEDCN EIFQLFRTL FSVINNSHNT KVQMHMLDLM SSIIMEGDGV TQELLD SILI NLIPAHKNLN KQSFDLAKVL LKRTVQTIEA CIANFFNQVL VLGRSSVSDL SEHVFDLIQE LFAIDPQLLL SVMPQLEFKL KSNDGEERLA VVRLLAKLFG SKSDSLATQN RPLWQCFLGR FNDIHVPVRL ESVKFASHCL MNHPDLAKDL TEYLKVRSHD PEEAIRHDVI VTIITAAKRD LALVNDQLLG FVRERTLDKR WRVRKEAMMG LAQLYKKYCL HGEAGKEAAE KVS WIKDKLL HIYYQNSIDD KLLVEKIFAQ YLVPHNLETE ERMKCLYYLY ASLDPNAVKA LNEMWKCQNM LRSHVRELLD LHKQPTSEAN CSAMFGKLMT IAKNLPDPGK AQDFVKKFNQ VLG DDEKLRS QLELLISPTC SCKQADVCVR EIARKLANPK QPTNPFLEMV KFLLERIAPV HIDSEAISAL VKLMNKSIEG TADDEEEGVS PDSAIRSGLE

LLKVLSTFTHP TSFHSAETYE SLLQCLRMED DKVAEAAIQI FRNTGHHKIET DLPQIRSTLI
PILHQKAKRG TPHQAKQAVH CIHAIFSNKE VQLAQIFEPL SRSLNADVPE QLITPLVSLG
HISMLAPDQF ASPMKSVVAN FIVKDLLMND RSTGEKNGKL WSPDEEVSPV VLAKVYLLRL
LVRWLLGMKN NQSKSANSTL RLLSAMLVSE GDLTEQKRIS KSDMSRLRLA AGSAIMKLAQ
EPCYHEIITP EQFQLCALVI NDECYQVRQI FAQKLHKALV KLLPLEYMA IFALCAKDPV
KERRAHARQC LLKNISIRRE YIKQNPMATE KLLSLLPEYV VPYMIHLLAH DPDFTRSQDV
DQLRDIKECL WFMLEVLMTK NENNSHAFMK KMAENIKLTR DAQSPDESKT NEKLYTVCDV
ALCVINSKSA LCNADSPKDP VLPMKFFTQP EKDFCNDKSY ISEETRVLLL TGKPKPTGVL
GTVNKPLSAT GRKPYVRSAG TETGSNINAN SELSPSAGSR SREQSSEASE TGVSENEENP
VRIISVTPVK NIDTVKNKEI NSDQSTQGNI SSDRGKKRIV TAAGAENIQK PDEKVDESGP
PAPSKPRRGR RPKSESQGNA TKNDLNLKPV SKGRKRAAGS QESLEAGNAK APKLQDGAKK
AVPAERQIDL QR **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.
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	PDS5A
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Target Details

Alternative Name:	Pds5a (PDS5A Products)
Background:	Sister chromatid cohesion protein PDS5 homolog A,FUNCTION: Probable regulator of sister chromatid cohesion in mitosis which may stabilize cohesin complex association with chromatin. May couple sister chromatid cohesion during mitosis to DNA replication. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair (By similarity). {ECO:0000250}.
Molecular Weight:	150.3 kDa
UniProt:	Q6A026

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