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POLA1 Protein (AA 1-1462) (His tag)



Image



Go to Product page

Overview

Quantity:	1 mg
Target:	POLA1
Protein Characteristics:	AA 1-1462
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLA1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Crystallization (Crys)

Product Details

Sequence:

MAPVHGDDSL SDSGSFVSSR ARREKKSKKG RQEALERLKK AKAGEKYKYE VEDFTGVYEE
VDEEQYSKLV QARQDDDWIV DDDGIGYVED GREIFDDDLE DDALDADEKG KDGKARNKDK
RNVKKLAVTK PNNIKSMFIA CAGKKTADKA VDLSKDGLLG DILQDLNTET PQITPPPVMI
LKKKRSIGAS PNPFSVHTAT AVPSGKIASP VSRKEPPLTP VPLKRAEFAG DDVQVESTEE
EQESGAMEFE DGDFDEPMEV EEVDLEPMAA KAWDKESEPA EEVKQEADSG KGTVSYLGSF
LPDVSCWDID QEGDSSFSVQ EVQVDSSHLP LVKGADEEQV FHFYWLDAYE DQYNQPGVVF
LFGKVWIESA ETHVSCCVMV KNIERTLYFL PREMKIDLNT GKETGTPISM KDVYEEFDEK
IATKYKIMKF KSKPVEKNYA FEIPDVPEKS EYLEVKYSAE MPQLPQDLKG ETFSHVFGTN
TSSLELFLMN RKIKGPCWLE VKSPQLLNQP VSWCKVEAMA LKPDLVNVIK DVSPPPLVVM
AFSMKTMQNA KNHQNEIIAM AALVHHSFAL DKAAPKPPFQ SHFCVVSKPK DCIFPYAFKE
VIEKKNVKVE VAATERTLLG FFLAKVHKID PDIIVGHNIY GFELEVLLQR INVCKAPHWS
KIGRLKRSNM PKLGGRSGFG ERNATCGRMI CDVEISAKEL IRCKSYHLSE LVQQILKTER

VVIPMENIQN MYSESSQLLY LLEHTWKDAK FILQIMCELN VLPLALQITN IAGNIMSRTL MGGRSERNEF LLLHAFYENN YIVPDKQIFR KPQQKLGDED EEIDGDTNKY KKGRKKAAYA GGLVLDPKVG FYDKFILLLD FNSLYPSIIQ EFNICFTTVQ RVASEAQKVT EDGEQEQIPE LPDPSLEMGI LPREIRKLVE RRKQVKQLMK QQDLNPDLIL QYDIRQKALK LTANSMYGCL GFSYSRFYAK PLAALVTYKG REILMHTKEM VQKMNLEVIY GDTDSIMINT NSTNLEEVFK LGNKVKSEVN KLYKLLEIDI DGVFKSLLLL KKKKYAALVV EPTSDGNYVT KQELKGLDIV RRDWCDLAKD TGNFVIGQIL SDQSRDTIVE NIQKRLIEIG ENVLNGSVPV SQFEINKALT KDPQDYPDKK SLPHVHVALW INSQGGRKVK AGDTVSYVIC QDGSNLTASQ RAYAPEQLQK QDNLTIDTQY YLAQQIHPVV ARICEPIDGI DAVLIATWLG LDPTQFRVHH YHKDEENDAL LGGPAQLTDE EKYRDCERFK CPCPTCGTEN IYDNVFDGSG TDMEPSLYRC SNIDCKASPL TFTVQLSNKL IMDIRRFIKK YYDGWLICEE PTCRNRTRHL PLQFSRTGPL CPACMKATLQ PEYSDKSLYT QLCFYRYIFD AECALEKLTT DHEKDKLKKQ FFTPKVLQDY RKLKNTAEQF LSRSGYSEVN LSKLFAGCAV KS

Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us.

Characteristics:

- Made in Germany from design to production by highly experienced protein experts.
- Human POLA1 Protein (raised in Insect Cells) purified by multi-step, protein-specific process to ensure crystallization grade.
- 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 will ensure that you receive a correctly folded protein.

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.

In the unlikely event that the protein cannot be expressed or purified we do not charge anything (other companies might charge you for any performed steps in the expression process for custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purification optimization).

When you order this made-to-order protein you will only pay upon receival of the correctly folded protein. With no financial risk on your end you can rest assured that our experienced protein experts will do everything to make sure that you receive the protein you ordered. The concentration of our recombinant proteins is measured using the absorbance at 280nm. The protein's absorbance will be measured in several dilutions and is measured against its specific reference buffer.

The concentration of the protein is calculated using its specific absorption coefficient. We use

Product Details

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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 gurantee though.
Comment:	In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible options with you in detail to assure that you receive your protein of interest.
Restrictions: Handling	For Research Use only
Format:	Liquid
Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value is at the discretion of the manufacturer.
Buffer: Handling Advice:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value is at the discretion of the manufacturer. Avoid repeated freeze-thaw cycles.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Images

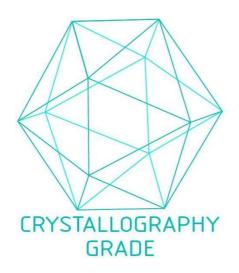


Image 1. "Crystallography Grade" protein due to multi-step, protein-specific purification process