

Datasheet for ABIN7559982

POLDIP2 Protein (AA 1-368) (His tag)



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Overview

Quantity:	1 mg
Target:	POLDIP2
Protein Characteristics:	AA 1-368
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLDIP2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Poldip2 Protein expressed in mammalian cells.
Sequence:	MAGCVARRAL AVGSRWWSRS LATTRGSRPL CAVGGAGGLP PVATATRRH LSSRNRAEGK VLETGVFEV PKQNGKYETG QLFLHSVFGY RGVVLPWQA RLYDRDVASA TPEKAENPAG HGSKEVKGKT HTYYQLIDA RDCPHISQRS QTEAVTFLAN HDDSRALYAI PGLDYVSHED ILPYTSTDQV PIQHELFERF LLYDQTKAPP FVARETLRAW QEKNHPWLEL SDVHRETTEN IRVTVIPFYM GMREAQNSHV YWWRYCIRLE NLDSDDVQLR ERHWRIFSLG GTLETVRGRG VVGREPVLK EQPAFYSSH VSLQASSGHM WGTFRFERPD GSHFDVRIIP FSLESNKDEK TTPSGLHW 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:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	POLDIP2
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Alternative Name:	Poldip2 (POLDIP2 Products)
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Background:	Polymerase delta-interacting protein 2,FUNCTION: Involved in DNA damage tolerance by regulating translesion synthesis (TLS) of templates carrying DNA damage lesions such as 8oxoG and abasic sites. May act by stimulating activity of DNA polymerases involved in TLS, such as PRIMPOL and polymerase delta (POLD1). {ECO:0000250 UniProtKB:Q9Y2S7}.
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Molecular Weight:	41.9 kDa
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UniProt:	Q91VA6
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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 guarantee though.
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Restrictions:	For Research Use only
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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