

Datasheet for ABIN7545799

ZNF365 Protein (AA 1-407) (His tag)



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Overview

Quantity:	1 mg
Target:	ZNF365
Protein Characteristics:	AA 1-407
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF365 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ZNF365 Protein expressed in mammalian cells.
Sequence:	<p>MQQKAFEESR YPWQESFENV AVCLPLRCPR CGDHTRFRSL SSLRAHLEFS HSYEERTLLT</p> <p>KCSLFPSLKD TDLVTSELL KPGKLQSSGN VVKQKPSYVN LYSISHEHSK DRKPFEVVAE</p> <p>RPVSYVQTYT AMDLHADSLD GTRSGPGLPT SDTKASFEAH VREKFNMVE AVDRITIEKRI</p> <p>DKLTKELAQK TAELEVRRAA FVQLTQKKQE VQRRERALNR QVDVAVEMIA VLRQRLTESE</p> <p>EELLRKEEEV VTFNHFLEAA AEKEVQGKAR LQDFIENLLQ RVELAEKQLE YYQSQQASGF</p> <p>VRDLSGHVLT DISSNRKPKC LSRGHPHVC NHPDLKAHFH PKGRNHLKKA KDDRASMQPA</p> <p>KAIHEQAESS RDLCRPPKKG ELLGFGKGN IRPKMAKKK TAIVNII 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.</p>
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

Grade: custom-made

Target Details

Target: ZNF365

Alternative Name: ZNF365 ([ZNF365 Products](#))

Background: Protein ZNF365 (DISC1-binding zinc-finger protein) (Protein su48),FUNCTION: Involved in the regulation of neurogenesis. Negatively regulates neurite outgrowth (PubMed:17389905). Involved in the morphogenesis of basket cells in the somatosensory cortex during embryogenesis. Involved in the positive regulation of oligodendrocyte differentiation during postnatal growth. Involved in dendritic arborization, morphogenesis of spine density dendrite, and establishment of postsynaptic dendrite density in cortical pyramidal neurons (By similarity). Involved in homologous recombination (HR) repair pathway. Required for proper resolution of DNA double-strand breaks (DSBs) by HR. Is required for recovery of stalled replication forks, and directly contributes to genomic stability. Interacts with PARP1 and mediates MRE11-dependent DNA end resection during replication fork recovery (PubMed:23966166). Contributes to genomic stability by preventing telomere dysfunction (PubMed:23776040). {ECO:0000250|UniProtKB:Q8BG89, ECO:0000269|PubMed:17389905, ECO:0000269|PubMed:23776040, ECO:0000269|PubMed:23966166}.

Molecular Weight: 46.5 kDa

Target Details

UniProt: [Q70YC5](#)

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