

Datasheet for ABIN7545508
ZNF259 Protein (AA 1-459) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ZNF259 (znf259)
Protein Characteristics:	AA 1-459
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF259 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZPR1 Protein expressed in mammalian cells.
Sequence:	MAASGAVEPG PPGAAVAPSP APAPPPAPDH LFRPISAEDE EQQPTIEESL CMNCYCNGMT RLLLTKIPFF REIIVSSFSC EHCWNNTEI QSAGRIQDQG VRYTLSVRAL EDMNREVVKT DSAATRIPEL DFEIPAFSQK GALTVEGLI TRAISGLEQD QPARRANKDA TAERIDFIV KLLKELQVAS PFTLIIDDPS GNSFVENPHA PQKDDALVIT HYNRTRQEE MLGLQEEAPA EKPEEEDLRN EVLQFSTNCP ECNAPAQTNM KLVQIPHFKV VIIMATNCEN CGHRTNEVKS GGAVEPLGTR ITLHITDASD MTRDLLKSET CSVEIPELEF ELGMAVLGGK FTTLEGLLKD IRELVTKNPF TLGDSSNPGQ TERLQEFQSK MDQIIEGNMK AHFIMDDPAG NSYLQNVYAP EDDPEMKVER YKRTFDQNEE LGLNDMKTEG YEAGLAPQR 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

ZNF259 (zfn259)

Alternative Name:

ZPR1 ([zfn259 Products](#))

Background:

Zinc finger protein ZPR1 (Zinc finger protein 259),FUNCTION: Acts as a signaling molecule that communicates proliferative growth signals from the cytoplasm to the nucleus. It is involved in the positive regulation of cell cycle progression (PubMed:29851065). Plays a role for the localization and accumulation of the survival motor neuron protein SMN1 in sub-nuclear bodies, including gems and Cajal bodies. Induces neuron differentiation and stimulates axonal growth and formation of growth cone in spinal cord motor neurons. Plays a role in the splicing of cellular pre-mRNAs. May be involved in H₂O₂-induced neuronal cell death.
{ECO:0000269|PubMed:11283611, ECO:0000269|PubMed:17068332, ECO:0000269|PubMed:22422766, ECO:0000269|PubMed:29851065}.

Molecular Weight:

50.9 kDa

UniProt:

[O75312](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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
