ANTIBODIES ONLINE

Datasheet for ABIN7562133
C1orf135 Protein (AA 1-340) (His tag)

Overview

Quantity:	1 mg
Target:	C1orf135 (AUNIP)
Protein Characteristics:	AA 1-340
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C1orf135 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Aunip Protein expressed in mammalian cells.
Sequence:	MRHRGPEEEA CGVWLDAAAL KRRKMQTHLI KLGTKMLPLL PGERKPNDPF TQRRGTRQTS IASFVTLQSG MASGGNQKNI FSLKENQTNK ECKRTQLDCL DDGLLSPLVT SAPADIQEAG HPRSPQISGC QGLEMSSLTM MSLTQPDVLM GTGESKGPLD SSFSQYLERS CLLDQREAKR KGEGLRESKT DCPGMGSHIR PPGSKCHQPL DKAEMGKRGP TKENRQAPVH LQTYRSGSCS RKKTLLVTES PCPLSLFPWD SERSDRDSWS QLFTEDSQGQ QVIAHNTKMP FRDVTNARNQ GSGQFPDSPQ AQGQDGPAQL HLQSYLLFTQ DSEGNRVIRH **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 isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	C1orf135 (AUNIP)
Alternative Name:	Aunip (AUNIP Products)
Background:	Aurora kinase A- and ninein-interacting protein,FUNCTION: DNA-binding protein that accumulates at DNA double-strand breaks (DSBs) following DNA damage and promotes DNA resection and homologous recombination. Serves as a sensor of DNA damage: binds DNA with a strong preference for DNA substrates that mimic structures generated at stalled replication forks, and anchors RBBP8/CtIP to DSB sites to promote DNA end resection and ensuing homologous recombination repair. Inhibits non-homologous end joining (NHEJ). Required for the dynamic movement of AURKA at the centrosomes and spindle apparatus during the cell cycle. {ECO:0000250|UniProtKB:Q9H7T9}.
Molecular Weight:	37.7 kDa
UniProt:	E9Q6Z5

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

	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