

Datasheet for ABIN7557307

PLK1S1 Protein (AA 1-695) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PLK1S1
Protein Characteristics:	AA 1-695
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLK1S1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Kiz Protein expressed in mammalian cells.
Sequence:	<p>MPRGRGGGGG GLRQASATSA PLASPSYYER VGQLQQALRD SEKKRLDLED KLYEYNKSDK CRAKLKCAKL KKYLKEVCES ERRAQVRNQG YLKKFECVQT YVEHLTTNTE KLQKLTETEY AEVKRMRLLS KDSLGMSEDED GAKDAVQAGI NSGTAMSRGL YQPATIFMGR QMSAISSIED FSTELKSNQP TKNFSISDPH SHQQT AQSSC VTDSCVVQTN GDTQCLNKSD KIHGKTSLQT GEKAPVTSYV LSAAEQTHCL EIGSSTQHSK SNLSEGRKSA ELHSSLQERL SPENSITDLK CDSSSRSEGS DREILTQEHI EVREERAGPL VPMMAASEHC TSAKKWAGEK HSAWEASSDD LDHGDSKSQK AVLKHEEEQE EGSSCSSSDL TVSVSEDDLI LESLAALSNP GAKMAGKDGM QALRAAHTEP RQDSLFTHEYV LQTQSFPDSK REPSDPSRQ PEKVPDCHLL KTRGQCMKEH DNSLKEEATT LLKKVLTTEC DHRSIAHSNE SSCSMPSILN DNNGIKEAKP ALRLNSVLTR EQEVSSGCGD ESKEESIAAAA PGTGHREADL VPSELFQFSL GAAMKETKAY QLLKKSTLQD NSNQAEERFE SQFSGLDIGG SMFTTKTAHK IASEASFSSS EGSPLSRHES KRDPVTTIKS NAFWGESDDS NSEIEAALRP RDHDMPDDFD DFYDT Sequence without tag. The proposed</p>

Product Details

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:

- 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: PLK1S1

Alternative Name: Kiz ([PLK1S1 Products](#))

Background: Centrosomal protein kizuna (Polo-like kinase 1 substrate 1),FUNCTION: Centrosomal protein required for establishing a robust mitotic centrosome architecture that can endure the forces that converge on the centrosomes during spindle formation. Required for stabilizing the expanded pericentriolar material around the centriole. {ECO:0000250|UniProtKB:Q2M2Z5}.

Molecular Weight: 76.5 kDa

UniProt: [Q3UXL4](#)

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
