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Datasheet for ABIN7557378
PLK5 Protein (AA 1-595) (His tag)

Overview

Quantity:	1 mg
Target:	PLK5
Protein Characteristics:	AA 1-595
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLK5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Plk5 Protein expressed in mammalian cells.
Sequence:	MEPRSRRRRS RQLVATFLRD PGSGRVYRRG KLIKGAFSR CYKLTDMSTS AVFALKVVPR GGAGRLRLRG KVEREIALHS RLRHRNIVAF HAHFADRDHV YMVLEYCSRQ SLAHVLKVRR TLTEPEVRYR LRGLVSGRLY LHQQRIVHRD LKPSNFFLNK NMEVKIGDLG LAARVGPAGR CHRVLCGTPN FQAPEVVS RN GHSCKSDIWA LGCIMYTVLT GTPPFAAAPL SEMYQNIRDG HYLEPTHLSP SARSLIARLL APDPAERPSL DHLLQDDFFS QGFTPERLPP HSCHSPPVFA FPPPLGRLFR KVGQLLLTQC RPPCPFTSKE ASGPGEEGTE PDHMEAGNEE RDPLCTEGRI HLLTLGTPRT GLAGPKGSLA LQLEVATRKL FLCLDAGPMA GQDPPGEQRP VLWAPKWVDY SLKYGFGYQL SDGGSGVLF R DGSHMALRPQ GGHVSYQPDQ GTLWTFTLRD VPSPLRAKLA VLRFLFACYMQ RRLREEGTVP MPATPASPDI SLLSFIADSQ AMVMLFSNGT VQVSLKTSQT QLVLSGEDED LLLTLQEPGG PAVGVSYTLD VLRSHGFTLA VHHHLRHGLH LLQSV 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

Product Details

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: PLK5

Alternative Name: Plk5 ([PLK5 Products](#))

Background: Inactive serine/threonine-protein kinase PLK5 (Polo-like kinase 5) (PLK-5),FUNCTION: Inactive serine/threonine-protein kinase that plays a role in cell cycle progression and neuronal differentiation. {ECO:0000269|PubMed:20100802, ECO:0000269|PubMed:21245385}.

Molecular Weight: 66.1 kDa

UniProt: [Q4FZD7](#)

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
