

[Go to Product page](#)

Datasheet for ABIN7549444

CDC25A Protein (AA 1-524) (His tag)

Overview

Quantity:	1 mg
Target:	CDC25A
Protein Characteristics:	AA 1-524
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDC25A protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat CDC25A Protein expressed in mammalian cells.
Sequence:	MELGPEPPHR RRLLFACSP PASQPVKAL FGASAAGGLS PVTNLTVTMD QLQGLGSDYE QPLEVKNNNSN LQRMGSSEST DSGFCLDSPG PLDSKENLEN PMRRIHSLPQ KLLGCSPALK RSHSDSLDHD IFQLIDPDEN KENEAFFFK PVRPVSARGCL HSHGLQEGKD LFTQRQNSAP ARMLSSNERD SSEPGNFIPL FTPQSPVTAT LSDEDDGFVD LLDGENLKNE EETPSCMASL WTAPLVMRTT NLDNRCKLFD SPSLCSSSTR SVLKRPER SQ EESPPGSTKR RKSMSGASPK ESTNPEKAHE TLHQSLSLAS SPKGTIENIL DNDPRDLIGD FSKGYLFHTV AGKHQDLKYI SPEIMASVLN GKFANLIKEF VIIDCRYPYE YEGGHIKGAV NLHMEEEEVED FLLKKPIVPT DGKRVIIVFH CEFSSERGPR MCRYVRERDR LGNEYPKLHY PELYVLKGGY KEFFMKCQSY CEPPSYRPMH HEDFKEDLKK FRTKSRTWAG EKSKREMYSR LKKL 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

Product Details

request, please contact us.

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, Western Blot

Grade:

custom-made

Target Details

Target:

CDC25A

Alternative Name:

CDC25A ([CDC25A Products](#))

Background:

M-phase inducer phosphatase 1 (EC 3.1.3.48) (Dual specificity phosphatase Cdc25A),FUNCTION: Tyrosine protein phosphatase which functions as a dosage-dependent inducer of mitotic progression (PubMed:1836978, PubMed:12676925, PubMed:14559997, PubMed:20360007). Directly dephosphorylates CDK1 and stimulates its kinase activity (PubMed:20360007). Also dephosphorylates CDK2 in complex with cyclin-E, in vitro (PubMed:20360007). {ECO:0000269|PubMed:12676925, ECO:0000269|PubMed:14559997, ECO:0000269|PubMed:1836978, ECO:0000269|PubMed:20360007}.

Molecular Weight:

59.1 kDa

UniProt:

[P30304](#)

Pathways:

[Cell Division Cycle, Mitotic G1-G1/S Phases, M Phase](#)

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
