

Datasheet for ABIN7562706
CDC6 Protein (AA 1-562) (His tag)



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Overview

Quantity:	1 mg
Target:	CDC6
Protein Characteristics:	AA 1-562
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDC6 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Cdc6 Protein expressed in mammalien cells.
Sequence:	MPQTRSQTQA TIGFPKKKLS NTLKKPNSRD CEVKLRNVQP VPTTPCVDVK LLPLSPRKRL GDDNLCNTPR LSPCSPPKLG KKENGPPRSH TWKGCRLVFD DEPTFKASPP KEQDRVRQHQ IRSSSAQRSP ESKADPEQKC PPEKESVCIR LFKQEGTCYQ QAKLVLNTAV PDRLPAREQE MGVIRNFLKE HICGKKAGSL YLSGAPGTGK TACLSRILQD FKKEVKGFKS ILLNCMSLRS AQAVFPAIAQ EIGREELCRP AGKDLMRKLE KHLTAEKGPM IVLVLEMDQ LDSKGQDVLY TLFEWPWLSN SRLVLIGIAN TLDLTDRILP RLEARENCKP QLLNFPPYTR NQIAAILQDR LSQVSKDQVL DSAAIQFCAR KVS AVSGDIR KALDVCRAI EIVESDVRSQ TVLKPLSECK SPSESPVPKR VGLAHISQVI SEVDGNRVTL SQENTQDSL P LQQKILVCSL LLLTRRLKIK EVTLGKLYEA YSSICRKQQV TAVDQSECLS LSGLLESRLG VGLKKNKESR LTKVSLKIEE KEIEHVLNGK AFTGNILAAG LP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein

Product Details

could make another tag necessary. In case you have a special 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:

CDC6

Alternative Name:

Cdc6 ([CDC6 Products](#))

Background:

Cell division control protein 6 homolog (CDC6-related protein) (p62(cdc6)),FUNCTION: Involved in the initiation of DNA replication. Also participates in checkpoint controls that ensure DNA replication is completed before mitosis is initiated.

Molecular Weight:

62.6 kDa

UniProt:

[O89033](#)

Pathways:

[DNA Replication, Synthesis of DNA](#)

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

Application Details

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