

Datasheet for ABIN7553400
CLK3 Protein (CLK3) (AA 1-638) (His tag)



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Overview

Quantity:	1 mg
Target:	CLK3
Protein Characteristics:	AA 1-638
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLK3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CLK3 Protein expressed in mammalian cells.
Sequence:	MPVLSARRRE LADHAGSGRR SGPSPTARSG PHLSALRAQP ARAAHLSGRG TYVRRDTAGG GPGQARPLGP PGTSLGGRGA RRSGEWCPG AFESGARAAR PPSRVEPLA TAASREGAGL PRAEVAAGSG RGARSGEWGL AAAGAWETMH HCKRYRSPEP DPYLSYRWKR RRSYSREHEG RLRYPSRREP PPRRSRSRSH DRLPYQRRYR ERRDSDTYRC EERSPSFGED YYGPSRSRHR RRSRERGPYR TRKHAHHCHK RRTRSCSSAS SRSQQSSKRS SRSVEDDKEG HLVCRIWDWL QERYEIVGNL GEGTFGKVE CLDHARGKSQ VALKIIRNVG KYREARLEI NVLKKIKEKD KENKFLCVLM SDWFNFHGHM CIAFELLGKN TFEFLKENNF QPYPLPHVRH MAYQLCHALR FLHENQLTHT DLKPENILFV NSEFETLYNE HKSCEEKSVK NTSIRVADFG SATFDHEHHT TIVATRHYPYR PEVILELAWA QPCDVSWSIGC ILFEYYRGFT LFQTHENREH LVMMEKILGP IPSHMIHRTR KQKYFYKGL VWDENSSDGR YVKENCKPLK SYMLQDSLEH VQLFDLMRRM LEFDPAQRIT LAEALLHPFF AGLTPEERSF HTSRNPSR Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity

Product Details

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: CLK3

Alternative Name: CLK3 ([CLK3 Products](#))

Background: Dual specificity protein kinase CLK3 (EC 2.7.12.1) (CDC-like kinase 3),FUNCTION: Dual specificity kinase acting on both serine/threonine and tyrosine-containing substrates. Phosphorylates serine- and arginine-rich (SR) proteins of the spliceosomal complex. May be a constituent of a network of regulatory mechanisms that enable SR proteins to control RNA splicing and can cause redistribution of SR proteins from speckles to a diffuse nucleoplasmic distribution. Phosphorylates SRSF1 and SRSF3. Regulates the alternative splicing of tissue factor (F3) pre-mRNA in endothelial cells. {ECO:0000269|PubMed:19168442, ECO:0000269|PubMed:9637771}.

Target Details

Molecular Weight: 73.5 kDa

UniProt: [P49761](#)

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