

Datasheet for ABIN7556895
CDK18 Protein (AA 1-451) (His tag)



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Overview

Quantity:	1 mg
Target:	CDK18
Protein Characteristics:	AA 1-451
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDK18 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Cdk18 Protein expressed in mammalian cells.
Sequence:	<p>MNKMKNFKRR LSLSVRPET IEESLAEFTE QFNQLHTQTN EDGTDEPEQL SPGMQYQQRQ NQRFSMEDL NKRLSLPMDI RLPQEFLQKL QLENPGLPKP LTRMSRRASL SDIGFGKLET YVKLDKLGEG TYATVFKGRS KLTENLVALK EIRLEHEEGA PCTAIREVSL LKDLKHANIV TLHDLIHTDR SLTLVFEYLD SDLKQYLDHC GNLMNMHNVK IFMFQLLRGL AYCHHRKILH RDLKPQNLLI NERGELKLAD FGLARAKSVP TKTYSNEVVT LWYRPPDVLL GSTEYSTPID MWGVGCILYE MATGKPLFPG STVKEELHLI FRLGTPTEE SWPGVTSISE FRAYNFPRYL PQPLLSHAPR LDTEGINLLS SLLLYESKSR MSAEALNHP YFQSLGDRVH QLHDTASIFS LKEIQLQKDP GYRGLAFQHP GRGKSRRQSI F 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 request, please contact us.</p>

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• 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).
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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
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Grade:	custom-made
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Target Details

Target:	CDK18
Alternative Name:	Cdk18 (CDK18 Products)
Background:	Cyclin-dependent kinase 18 (EC 2.7.11.22) (Cell division protein kinase 18) (PCTAIRE-motif protein kinase 3) (Serine/threonine-protein kinase PCTAIRE-3),FUNCTION: May play a role in signal transduction cascades in terminally differentiated cells.
Molecular Weight:	51.8 kDa
UniProt:	Q04899

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.
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Restrictions:	For Research Use only
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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