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Datasheet for ABIN7558477 **CDKN3 Protein (AA 1-211) (His tag)**

Overview

Quantity:	1 mg
Target:	CDKN3
Protein Characteristics:	AA 1-211
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDKN3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cdkn3 Protein expressed in mammalian cells.
Sequence:	MKPPISIQAS EFDSSDEEPV DEEQTPIQIS WLPLSRVNCS QFLGLCALPG CKFKDVRRI QKDTEELKSY GIQDVVFCT RGELSKYRVP NLLDLYQQYG IVTHHHIPD GGTPDIGSCW EIMEELATCL KNNRKTLIHC YGGLGRSCLA ACLLLYLSDS ISPQQAIDSL RDVRGSGAIQ TIKQYNYLHE FRDKLAA YLS SRDLSRSVS R 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.
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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	CDKN3
Alternative Name:	Cdkn3 (CDKN3 Products)
Background:	Cyclin-dependent kinase inhibitor 3 (EC 3.1.3.16) (EC 3.1.3.48) (CDK2-associated dual-specificity phosphatase) (Kinase-associated phosphatase),FUNCTION: May play a role in cell cycle regulation. Dual specificity phosphatase active toward substrates containing either phosphotyrosine or phosphoserine residues. Dephosphorylates CDK2 at 'Thr-160' in a cyclin-dependent manner (By similarity). {ECO:0000250 UniProtKB:Q16667}.
Molecular Weight:	23.8 kDa
UniProt:	Q810P3

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