

Datasheet for ABIN7557610

CDKN2D Protein (AA 1-166) (His tag)



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Overview

Quantity:	1 mg
Target:	CDKN2D
Protein Characteristics:	AA 1-166
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDKN2D protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cdkn2d Protein expressed in mammalian cells.
Sequence:	<p>MLLEEVCGVD RLSGAAARGD VQEVRRLLHR ELVHPDALNR FGKTALQVMM FGSPAVALLEL LKQGASPNVQ DASGTSPVHD AARTGFLDTL KVLVEHGADV NALDSTGSLP IHLAIREGHS SVVSFLAPES DLHHRDASGL TPLELARQRG AQNLMDILQG HMMIPM Sequence without tag.</p> <p>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>
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:	<p>Key Benefits:</p> <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

Product Details

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:	CDKN2D
Alternative Name:	Cdkn2d (CDKN2D Products)
Background:	Cyclin-dependent kinase 4 inhibitor D (p19-INK4d),FUNCTION: Interacts strongly with CDK4 and CDK6 and inhibits them. {ECO:0000269 PubMed:7739547, ECO:0000269 PubMed:7739548}.
Molecular Weight:	17.8 kDa
UniProt:	Q60773
Pathways:	Cell Division Cycle , Sensory Perception of Sound , Mitotic G1-G1/S Phases , Negative Regulation of intrinsic apoptotic Signaling

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
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Handling

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