

Product datasheet

Recombinant Human CDKN3 protein ab101667

1 Image

Description

Product name	Recombinant Human CDKN3 protein
Purity	> 90 % SDS-PAGE. ab101667 was purified by using anion-exchange chromatography (DEAE sepharose resin) and gel-filtration chromatography (Sephacryl S-200) with 20mM Tris pH 7.5, 2mM EDTA.
Expression system	Escherichia coli
Accession	<u>Q16667</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MKPPSSIQTS EFDSSDEEPIEDEQTPIHIS WLSLSRVNCS QFLGLCALPG CKFKDVRRNV QKDTEELKSC GIQDIFVFCT RGELSKYRVP NLLDLYQQCG IITHHHPIAD GGTPDIASCC EIMEELTTCL KNYRKTLIHC YGGLGRSCLV AACLLLYLSD TISPEQAIDS LRDLRGSGAI QTIKQNYLH EFRDKLAAHL SSRDSQSRSV SR
Predicted molecular weight	26 kDa including tags
Amino acids	1 to 212
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab101667** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info**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.

Involvement in disease

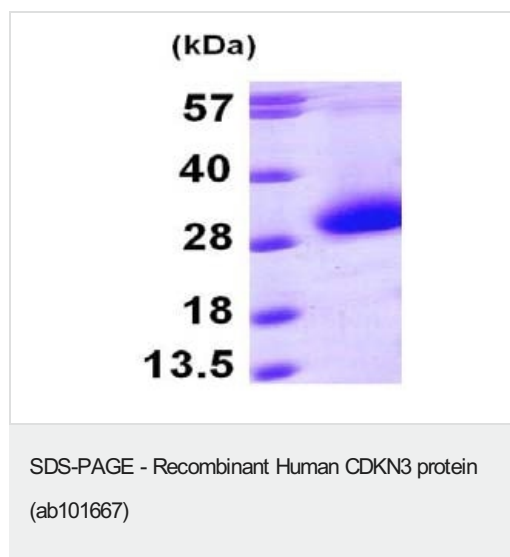
Defects in CDKN3 are found in patients with hepatocellular carcinoma (HCC) [MIM:114550].

Sequence similarities

Belongs to the protein-tyrosine phosphatase family.

Cellular localization

Cytoplasm > perinuclear region.

Images

ab101667 at 3 ug on an SDS-PAGE gel (15%)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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