abcam

Product datasheet

Recombinant Human n-Myc/MYCN protein ab114325

1 Image

Description

Product name	Recombinant Human n-Myc/MYCN protein
Expression system	Wheat germ
Accession	**P04198**
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MPSCSTSTMPGMICKNPDLEFDSLQPCFYPDEDDFYFGG PDSTPPGEDIW KKFELLPTPPLSPSRGFAEHSSEPPSWVTEMLLENELWG SPAEEDAFGLG GLGGLTPNPVILQDCMWSGFSAREKLERAVSEKLQHGRG PPTAGSTAQSP GAGAASPAGRGHGGAAGAGRAGAALPAELAHPAAECVD PAVVFPFPVNKR EPAPVPAAPASAPAAGPAVASGAGIAAPAGAPGVAPPR PGGRQTSGGDHK ALSTSGEDTLSDSDDEDDEEEDEEEEIDVVTVEKRRSSS NTKAVTTFTIT VRPKNAALGPGRAQSSELILKRCLPIHQQHNYAAPSPYVE SEDAPPQKKI KSEASPRPLKSVIPPKAKSLSPRNSDSEDSERRRNHNILE RQRRNDLRSS FLTLRDHVPELVKNEKAAKVVILKKATEYVHSLQAEEHQLL LEKEKLQAR QQQLLKKIEHARTC
Predicted molecular weight	77 kDa
Amino acids	1 to 464
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab114325** in the following tested applications.

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

Applications	Western blot ELISA SDS-PAGE
Form	Liquid
Additional notes	This product was previously labelled as n-Myc.

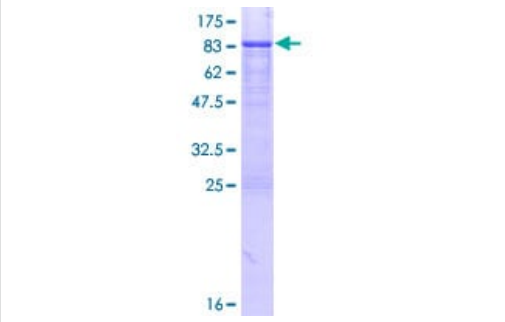
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

General Info

Function	May function as a transcription factor.
Involvement in disease	Note=Amplification of the N-MYC gene is associated with a variety of human tumors, most frequently neuroblastoma, where the level of amplification appears to increase as the tumor progresses. Defects in MYCN are the cause of microcephaly-oculo-digito-esophageal-duodenal syndrome (MODED) [MIM:164280]; also known as oculodigitoesophagoduodenal syndrome (ODED). Microcephaly-oculo-digito-esophageal-duodenal syndrome is characterized by variable combinations of esophageal and duodenal atresias, microcephaly, learning disability and limb malformations. Cardiac and renal malformations, vertebral anomalies, and deafness have also been described. Defects in MYCN are the cause of microcephaly and digital abnormalities with normal intelligence (MCPHDANI) [MIM:602585].
Sequence similarities	Contains 1 basic helix-loop-helix (bHLH) domain.
Developmental stage	Expressed during fetal development.
Cellular localization	Nucleus.

Images



SDS-PAGE - Recombinant Human n-Myc/MYCN protein (ab114325)

SDS-PAGE analysis of ab114325 on a 12.5% gel stained with Coomassie Blue.

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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