

Product Datasheet

Recombinant Human n-Myc GST (N-Term) Protein H00004613-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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H00004613-P01-10ug

Recombinant Human n-Myc GST (N-Term) Protein

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	76 kDa

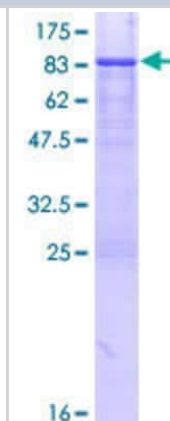
Product Description	
Description	<p>Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-464 of Human MYCN</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MPSCSTSTMPGMICKNPDLEFDSLQPCFYDDEDDFYFGGPDSTPPGEDIWKKF ELLPTPPLSPSRGFAEHSSEPPSWVTEMLLENELWGSPAEDAFGLGGLGGLT PNPVILQDCMWSGFSAREKLERAVSEKLQHGRGPPTAGSTAQSPGAGAASPA GRGHGGAAGAGRAGAALPAELAHPAECVDPVAVFPFVFNKREPAPVPAAPA SAPAAGPAVASGAGIAAPAGAPGVAPPRPGGRQTSGGDHKALSTSGEDTLSD SDDEDDEEEDEEEIDVVTVEKRRSSSNTKAVTTFTITVRPKNAALGPGRAQSS ELILKRCLPIHQHNYAAPSPYVESEDAPPQKKIKSEASPRPLKSVIPPKAKSLS PRNSDSEDSERRRNHNILRQRRNDLRSSFLTRDHPPELVKNEKAAKVILKK ATEYVHSLQAEEHQLLLEKEKLQARQQQLLKKIEHARTC</p>
Gene ID	4613
Gene Symbol	MYCN
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification, Kinase Assay
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification, Kinase Assay



Images

12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Shoji W, Suenaga Y, Kaneko Y et al. NCYM promotes calpain-mediated Myc-nick production in human MYCN-amplified neuroblastoma cells. *Biochemical and Biophysical Research Communications* Jun 5 2015 12:00AM

Shoji W, Suenaga Y, Kaneko Y et al. NCYM promotes calpain-mediated Myc-nick production in human MYCN-amplified neuroblastoma cells. *Biochemical and Biophysical Research Communications*. 2015-06-01 [PMID: 25896758]

Smith JR, Moreno L, Heaton SP et al. Novel pharmacodynamic biomarkers for MYCN protein and PI3K/AKT/mTOR pathway signaling in children with neuroblastoma. *Molecular Oncology*. 2015-11-19 [PMID: 26686971]

Suenaga Y, Islam SM, Alagu J et al. NCYM, a Cis-Antisense Gene of MYCN, Encodes a De Novo Evolved Protein That Inhibits GSK3b Resulting in the Stabilization of MYCN in Human Neuroblastomas. *PLoS Genet*. 2014-01-02 [PMID: 24391509]

Smith NR, Womack C. A matrix approach to guide IHC-based tissue biomarker development in oncology drug discovery. *J Pathol*. 2014-01-01 [PMID: 24030847] (Human)



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Products Related to H00004613-P01-10ug

H00004613-Q01-10ug	Recombinant Human n-Myc GST (N-Term) Protein
464-SH-025	Sonic Hedgehog/Shh [Unconjugated]
NB200-109	n-Myc Antibody (NMYC-1) - BSA Free
NB600-302	c-Myc Antibody (9E10) - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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