

# Product Datasheet

## Recombinant Human c-Myc GST (N-Term) Protein H00004609-P01-10ug

Unit Size: 10 ug

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

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### Publications: 6

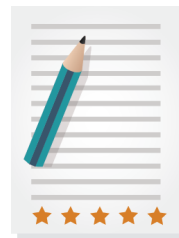
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**H00004609-P01-10ug**

## Recombinant Human c-Myc GST (N-Term) Protein

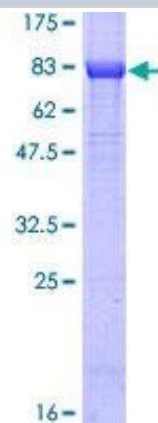
Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	75.2 kDa

Product Description	
Description	<p>Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-439 of Human MYC</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MPLNVSFTNRNYDLDYDSVQPYFYCDEEENFYQQQQQSELQPPAPSEDIWKK  FELLPTPPLSPRRSGLCSPSYVAVTPFSLRGDNDGGGGSFSTADQLEMVTEL  LGGDMVNQSFICDPDETFIKNIIIQDCMWSGFSAAKLVSEKLASYQAARKDS  GSPNPARGHSVCSTSSLYLQDLSAAASECIDPSVVFYPLNDSSSPKSCASQD  SSAFSPSSDSLLSSTESSPQGSPEPLVLHEETPPTTSSDSEEEQEDEEEIDVVS  VEKRQAPGKRSESGSPSAGGHSKPPHSPLVLKRCHVSTHQHNYAAPPSTRKD  YPAAKRVKLDsvrvlrqisnnrkctsprssdteenvkrRrthnVlerQRRNELK  RSFFALRDQIPELENNEKAPKVVLKkATAYILSVQAEQKLISEEDLLRKRREQL  KHKLEQLRNSCA</p>
Gene ID	4609
Gene Symbol	MYC
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, ELISA Standard (Matched Pair)
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification, ELISA Standard (Matched Pair)

## Images

SDS-Page: Recombinant Human c-Myc Protein [H00004609-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Sang L, Aram K, Young O et al. Proline Hydroxylation Primes Protein Kinases for Autophosphorylation and Activation. *Mol Cell*. 2020-06-30 [PMID: 32640193]

Meng X, Ling L, Babul R et al. Heat shock factor 1 (HSF1) specifically potentiates c-MYC-mediated transcription independently of the canonical heat shock response. *Cell Rep*. 2023-05-23 [PMID: 37224019]

Harno? J, Ryne? J, Vi?kova P et al. Analysis of binding interfaces of the human scaffold protein AXIN1 by peptide microarrays. *J Biol Chem* 2018-08-30 [PMID: 30166345]

He JL, Tian YF, Cao Z et al. An Electrochemical Immunosensor based on gold nanoparticle tags for picomolar detection of c-Myc oncoprotein. *Sensors and Actuators B: Chemical* 2013-02-15 (Human)

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 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 H00004609-P01-10ug**

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NB600-336PEP	c-Myc Antibody Blocking Peptide
236-EG-200	EGF [Unconjugated]
NB600-302	c-Myc Antibody (9E10) - BSA Free
210-TA-005	TNF-alpha [Unconjugated]

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### **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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