

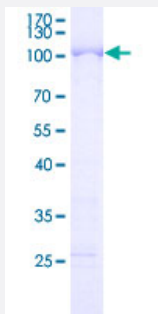
Full-Length

MNT (Human) Recombinant Protein (P01)

Catalog # H00004335-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MNT full-length ORF (BAF84285.1, 1 a.a. - 582 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MSIETLLEAARFLEWQAQQQQRRAREEQERLRLEQEREQEQKKANSLARLAHTLPVEEPRMEAPP
LPLSPPAPPPAPPPPLATPAPLTVIPIPVVTNSPQLPPPPPLPAAQPLPLAPRQPALVGAPGLSI
KEPAPLPSRPQVPTPAPLLPDSKATIPPNGSPKPLQPLPTPVLTIAHPGVQPQLAPQQPPPTL
GTLKLAPAEVKSSEQKKRPGGIGTREVHNKLEKNRRAHLKECFETLKRNPVDDKKTNSLSVL
RTALRYIQLKRKEKEYEHMERLAREKIATQQRLAELKHELSQLWMDVLEIDRVLRQTGQPEDDQ
ASTSTASEGEDNIDEDMEEDRAGLGPPKLSHRPQPELLKSTLPPPSTTPAPLPPHPHPHPSVA
LPPAHLPVQQQPQQKTPLPAPPPPPAAPAQTLVPAPAHVATAGGGSTVIAHTATTHASVIQTV
NHVLQGPGGKHIAHIAPSAPSPAVQLAPATPIGHITVHPATLNHVAHLGSQLPLYPQPVAVSHIAH
TLSHQQVNGTAGLGPPATVMAKPAVGAQVVHHPQLVGQTVLNPVTMTMPSFPVSTLKL

Theoretical MW (kDa)

88.69999999999999

Interspecies Antigen Sequence

Mouse (93)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MNT

Entrez GeneID	4335
GeneBank Accession#	AK291596.1
Protein Accession#	BAF84285.1
Gene Name	MNT
Gene Alias	MAD6, MXD6, ROX, bHLHd3
Gene Description	MAX binding protein
Omim ID	603039
Gene Ontology	Hyperlink
Gene Summary	The Myc/Max/Mad network comprises a group of transcription factors that co-interact to regulate gene-specific transcriptional activation or repression. This gene encodes a protein member of the Myc/Max/Mad network. This protein has a basic-Helix-Loop-Helix-zipper domain (bHLHzip) with which it binds the canonical DNA sequence CANNTG, known as the E box, following heterodimerization with Max proteins. This protein is likely a transcriptional repressor and an antagonist of Myc-dependent transcriptional activation and cell growth. This protein represses transcription by binding to DNA binding proteins at its N-terminal Sin3-interaction domain. [provided by RefSeq]
Other Designations	Max-interacting protein myc antagonist