

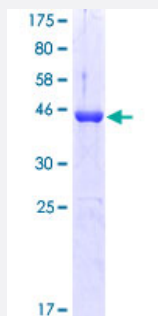
Full-Length

MAX (Human) Recombinant Protein (P01)

Catalog # H00004149-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MAX full-length ORF (AAH03525, 1 a.a. - 151 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSDNDDIEVESDADKRAHHNALERKRRDHKDSFHSLRDSVPSLQGEKASRAQILDKATEYIQYM RRKNHTHQQDIDDLKRQNALLEQQVRALEKARSSAQLQTNYPSSDNSLYTNAKGSTISAFDGGSD SSSESEPEEPQSRKKLRMEAS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42.35
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 — MAX

Entrez GeneID	4149
GeneBank Accession#	BC003525
Protein Accession#	AAH03525
Gene Name	MAX
Gene Alias	MGC10775, MGC11225, MGC18164, MGC34679, MGC36767, bHLHd4, bHLHd5, bHLHd6, bHLHd7, bHLHd8, orf1
Gene Description	MYC associated factor X
Omim ID	154950
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. It is able to form homodimers and heterodimers with other family members, which include Mad, Mxi1 and Myc. Myc is an oncoprotein implicated in cell proliferation , differentiation and apoptosis. The homodimers and heterodimers compete for a common DNA target site (the E box) and rearrangement among these dimer forms provides a complex system of transcriptional regulation. Multiple alternatively spliced transcript variants have been described for this gene but the full-length nature for some of them is unknown. [provided by RefSeq
Other Designations	MAX protein helix-loop-helix zipper protein myc-associated factor X

Pathway

- [MAPK signaling pathway](#)

- [Pathways in cancer](#)
- [Small cell lung cancer](#)