

Full-Length

HOXB2 (Human) Recombinant Protein (P01)

Catalog # H00003212-P01

Size 50 ug

Specification

Product Description	Human HOXB2 full-length ORF (ABZ92010.1, 1 a.a. - 356 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MNFEFEREIGFINSQPSLAECITSFPAVLETFQTSSIKESTLIPPPPPFEQTFPSLQPGASTLQRPR SQKRAEDGPALPPPPPPPLPAAPPAPEFPWMKEKKSAKKPSQSATSPSPAASAVPASGVGSP ADGLGLPEAGGGGARRLRTAYTNTQLLELEKEFHFNKYLCPRRRVEIAALLDLTERQVKVWFQNR RMKHKRQTQHREPPDGEPACPGALEDICDPAEEPAASPGGPSASRAAWEACCHPPEVVP GAL SADPRPLAVRLEGAGASSPGCALRGAGGLEPGPLPEDVFSGRQDSPFLPDLNFFAADSCLQLS GGLSPSLQGSLDSPVPFSEEEELDFFTSTLCADLQFP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	39.2
Interspecies Antigen Sequence	Mouse (80); Rat (80)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — HOXB2

Entrez GeneID	3212
GeneBank Accession#	EU446481.1
Protein Accession#	ABZ92010.1
Gene Name	HOXB2
Gene Alias	HOX2, HOX2H, Hox-2.8, K8
Gene Description	homeobox B2
Omim ID	142967
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeo box DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with pancreatic cancer. [provided by RefSeq]
Other Designations	K8 home protein homeo box 2H homeo box B2

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)