

Full-Length

HOXB8 (Human) Recombinant Protein (P01)

Catalog # H00003218-P01

Size 50 ug

Specification

Product Description	Human HOXB8 full-length ORF (BAC04730.1, 1 a.a. - 243 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSSYFVNSLFSKYKTGESLRPNYYDCGFAQDLGGRPTVVYGPSSGGSFQHPSQIQEFYHGPSSL STAPYQQNPCAVACHGDPDNFYGYDPLQRQSLFQAQDPDLVQYADCKLAAASGLGEEAEGSE QSPSPTQLFPWMPQAAAAGRGRGRQTYSRYQTLELEKEFLNPYLTRKRRIEVSHALGLTERQVKI WFQNRMRKWKKENNKDKFHSSKCEQEELKQKLERAPEAADEGDAQKGDKK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	54.1
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 — HOXB8

Entrez GeneID [3218](#)

GeneBank Accession# [AK096222.1](#)

Protein Accession# [BAC04730.1](#)

Gene Name HOXB8

Gene Alias HOX2, HOX2D, Hox-2.4

Gene Description homeobox B8

Omim ID [142963](#)

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 colorectal cancer. Mice that have had the murine ortholog of this gene knocked out exhibit an excessive pathologic grooming behavior. This behavior is similar to the behavior of humans suffering from the obsessive-compulsive spectrum disorder trichotillomania. [provided by RefSeq]

Other Designations homeo box 2D|homeo box B8