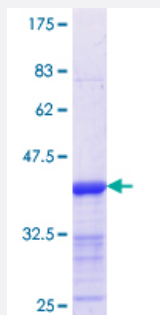


HOXB9 (Human) Recombinant Protein (Q02)

Catalog # H00003219-Q02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HOXB9 partial ORF (NP_076922.1, 1 a.a. - 98 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSISGTLSSYYVDSIISHESDAPPAKFP SGQYASSRQPGHAEHLEFPSCSFQPKAPVFGASWAP LSPHASGSLPSVYHPYIQPQGVPPAESRYLRTW
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
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 — HOXB9

Entrez GeneID	3219
GeneBank Accession#	NM_024017
Protein Accession#	NP_076922.1
Gene Name	HOXB9
Gene Alias	HOX-2.5, HOX2, HOX2E
Gene Description	homeobox B9
Omim ID	142964
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of leukemia, prostate cancer and lung cancer. [provided by RefSeq]
Other Designations	homeo box 2E homeo box B9

Disease

- [Genetic Predisposition to Disease](#)
- [Hip Dislocation](#)