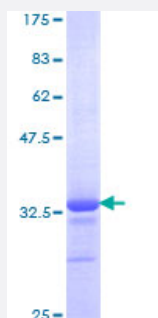


# HOXB7 (Human) Recombinant Protein (Q01)

Catalog # H00003217-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human HOXB7 partial ORF ( NP_004493, 55 a.a. - 120 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MQGLYPGGGMAGQSAAGVYAAGYGLEPSSFNMHCAPFEQNLSGVCPGDSAKAAGAKEQRD SDLAA
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	33
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — HOXB7

**Entrez GeneID** [3217](#)

**GeneBank Accession#** [NM\\_004502](#)

**Protein Accession#** [NP\\_004493](#)

**Gene Name** HOXB7

**Gene Alias** HHO.C1, HOX2, HOX2C, Hox-2.3

**Gene Description** homeobox B7

**Omim ID** [142962](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene is a member of the Antp 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 melanoma and ovarian carcinoma. [provided by RefSeq]

**Other Designations** homeo box 2C|homeo box B7|homeo box c1 protein

## Disease

- [Hirschsprung Disease](#)