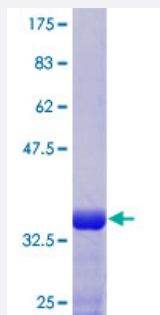


# HOXB3 (Human) Recombinant Protein (Q01)

Catalog # H00003213-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human HOXB3 partial ORF ( NP_002137.4, 272 a.a. - 370 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	TAGFMNALHSMTPSYESPSPPAFGKAHQNAYALPSNYQPPLKGCGAPQKYPPTPAPEYEPHVLQ ANGGAYGTPTMQGSPVYVGGGGYADPLPPPAGPSL
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.63
<b>Interspecies Antigen Sequence</b>	Mouse (97); Rat (96)
<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 — HOXB3

Entrez GeneID [3213](#)

GeneBank Accession# [NM\\_002146](#)

Protein Accession# [NP\\_002137.4](#)

Gene Name HOXB3

Gene Alias HOX2, HOX2G, Hox-2.7

Gene Description homeobox B3

Omim ID [142966](#)

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 a distinct biologic subset of acute myeloid leukemia (AML). [provided by RefSeq]

**Other Designations** homeo box 2G|homeo box B3