

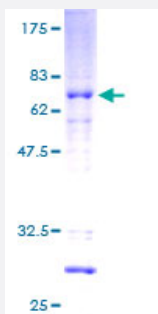
Full-Length

HOXC11 (Human) Recombinant Protein (P01)

Catalog # H00003227-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HOXC11 full-length ORF (AAH01543, 1 a.a. - 304 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MFNSVNLGNFCSPSRKERGADFGERGSCASNLYLP SCTYMP EFSTVFSFLPQAPS RQISYPYS
AQVPPVREVS YGLEPSGKWHHRNSYSSCYAAADELMHRECLPPSTVTEILMKNEGSYGGHHHP
SAPHATPAGFYSSVNKNSVLPQAFDRFFDNAYCGGDPPEPPCSGKGEAKGEPEAPPASGL
ASRAEAGAEAEAEENTNPSSSGSAHSVAKEPAKGAAPNAPRTRKKRCPYSKFQIRELEREFF
NVYINKEKRLQLSRMLNLTDRQVKWIFQNRRMKEKKLSRDLQYFSGNP LL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

59.18

Interspecies Antigen Sequence

Mouse (97)

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 — HOXC11

Entrez GeneID[3227](#)**GeneBank Accession#**[BC001543](#)**Protein Accession#**[AAH01543](#)**Gene Name**

HOXC11

Gene Alias

HOX3H, MGC4906

Gene Description

homeobox C11

Omim ID[605559](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene binds to a promoter element of the lactase-phlorizin hydrolase. It also may play a role in early intestinal development. An alternatively spliced variant encoding a shorter isoform has been described but its full-length nature has not been determined. [provided by RefSeq]

Other Designations

homeo box C11|homeobox protein Hox-C11