

Recombinant Full Length Human HOXC11 Protein, GST-tagged

Cat. No. HOXC11-3724HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HOXC11 full-length ORF (AAH01543, 1 a.a. - 304 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	304 amino acids
Description	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]
Molecular Mass	59.18 kDa
AA Sequence	MFNSVNLGNFCSPSRKERGADFGERGSCASNLYLP SCTYYMPEFSTVFSFLPQAPS RQISYPYSAQVPPVREVSYLEPSGKWHHRNSYSSCYAAADELMHRECLPPSTVTE ILMKNEGSYGGHHHP SAPHATPAGFYSSVNKNSVLPQAFDRFFDNAYCGGGDPPA

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EPPCSGKGEAKGEPEAPPASGLASRAEAGAEAEAEENTNPSSSGSAHSVAKEPA
KGAAPNAPRTRKKRCPYSKFQIRELEREFFFNVIYINKEKRLQLSRMLNLTDQRQVKIW
FQNRMRKEKKLSRDRLQYFSGNPLL

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

HOXC11 homeobox C11 [Homo sapiens]

Official Symbol

HOXC11

Synonyms

HOXC11; homeobox C11; homeo box C11 , HOX3H; homeobox protein Hox-C11;
homeo box C11; homeobox protein Hox-3H; HOX3H; MGC4906;

Gene ID

3227

mRNA Refseq

NM_014212

Protein Refseq

NP_055027

MIM

605559

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UniProt ID

O43248

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