

Recombinant Human HOXC11 Protein, GST-tagged

Cat. No. HOXC11-4975H **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	Wheat Germ
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 ILMKNEGSYGGHHHPSAPHATPAGFYSSVNKNSVLPQAFDRFFDNAYCGGGDPPA EPPCSGKGGEAKGEPEAPPASGLASRAEAGAEAEAEENTNPSSSGSAHSVAKEPA

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	KGAAPNAPRTRKKRCPYSKFQIRELEREFFFNVYINKEKRLQLSRMLNLTDRQVKIW FQNRRMKEKKLSRDRLQYFSGNPLL
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

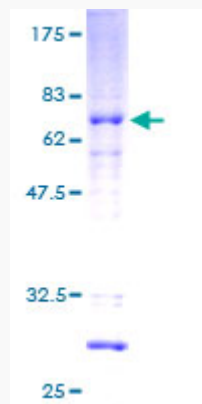
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UniProt ID O43248

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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