Recombinant Human CDX1

Cat. No. CDX1-27916TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Cdx1 with N-terminal proprietary tag. Predicted MW 35.53kDa.
Species	Human
Source	Wheat Germ
ProteinLength	90 amino acids
Description	This gene is a member of the caudal-related homeobox transcription factor gene family. The encoded DNA-binding protein regulates intestine-specific gene expression and enterocyte differentiation. It has been shown to induce expression of the intestinal alkaline phosphatase gene, and inhibit beta-catenin/T-cell factor transcriptional activity.
Molecular Weight	35.530kDa inclusive of tags
Tissue specificity	Intestinal epithelium.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	GAQRPTPYEWMRRSVAAGGGGGSGKTRTKDKYRVVYTDHQRLELEKEFHYSRYITIRRKSELAANLGLTERQVKIWFQNRRAKERKVNKK*
Sequence Similarities	Belongs to the Caudal homeobox family.Contains 1 homeobox DNA-binding domain.

GENE INFORMATION

Gene Name	CDX1 caudal type homeobox 1 [Homo sapiens]
Official Symbol	CDX1
Synonyms	CDX1; caudal type homeobox 1; caudal type homeo box transcription factor 1; homeobox protein CDX-1;
Gene ID	1044
mRNA Refseq	NM_001804
Protein Refseq	NP_001795
MIM	600746
Uniprot ID	P47902
Chromosome Location	5q32
Pathway	Regulation of Wnt-mediated beta catenin signaling and target gene transcription,

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	organism-specific biosystem;
Function	transcription regulatory region sequence-specific DNA binding;

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