

Recombinant Full Length Human CDX2 Protein

Cat. No. CDX2-75HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CDX2 with N terminal proprietary tag, 60.54kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	313 amino acids
Description	The level and beta-cell specificity of insulin gene expression are regulated by a set of nuclear proteins that bind to specific sequences within the promoter of the insulin gene (INS; MIM 176730) and interact with RNA polymerase to activate or repress transcription. The proteins LMX1 (MIM 600298) and CDX3 are homeodomain proteins that bind an A/T-rich sequence in the insulin promoter and stimulate its transcription (German et al.
Form	Liquid
Molecular Mass	60.540kDa inclusive of tags
AA Sequence	MYVSYLLDKDVSMYPSSVRHSGGLNLAPQNFVSPQYDPY GGYHVAAAAAANL DSAQSPGPSWPAAYGAPLREDWNGY APGGAAAAANAVAHGPNGGSPAAAMGYS SPADYHPHHHPH HHPHHPAAAPSCASGLLQTLNPGPPGPAATAAAEQLSPGG QR RNLCEWMRKPAQQSLGSQVKTRTKDKYRVVYTDHQRLE LEKEFHYSRYITIRKAE LAATLGLSERQVKIWFQNRRAK ERKINKKKLQQQQQQQPPPPPPPPPPPPPPQPPQPPG PLRSVPE PLSPVSSLQASVSGSVPGVLGPTGGVLNPTVTQ

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	CDX2 caudal type homeobox 2 [Homo sapiens]
Official Symbol	CDX2
Synonyms	CDX2; caudal type homeobox 2; caudal type homeo box transcription factor 2 , CDX3; homeobox protein CDX-2
Gene ID	1045
mRNA Refseq	NM_001265
Protein Refseq	NP_001256
MIM	600297
UniProt ID	Q99626

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