



Recombinant Human Homeobox protein CDX-1 (CDX1)

Product Code	CSB-EP005127HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P47902
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MYVGYVLDKD SPVYGPARP ASLGLGPQAY GPPAPPPAPP QYPDFSSYSH VEPAPAPPTA WGAPFPAPKD DWAAAYGPGP AAPAASPASL AFGPPPDFSP VPAPPGPGPG LLAQPLGGPG TPSSPGAQRP TPYEWMRRSV AAGGGGGSGK TRTKDKYRVV YTDHQRLELE KEFHYSRYIT IRRKSELAAN LGLTERQVKI WFQNRRAKER KVNKKKQQQQ QPPQPPMAHD ITATPAGPSL GGLCPSNTSL LATSSPMPVK EEFLP
Source	E.coli
Target Names	CDX1
Protein Names	Recommended name: Homeobox protein CDX-1 Alternative name(s): Caudal-type homeobox protein 1
Expression Region	1-265
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.