

Recombinant Human CUX2, GST-tagged

Cat. No. CUX2-11710H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CUX2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	110-433a.a.
Description	This gene encodes a protein which contains three CUT domains and a homeodomain; both domains are DNA-binding motifs. A similar gene, whose gene product possesses different DNA-binding activities, is located on chromosome on chromosome 7. Two pseudogenes of this gene have been identified on chromosomes 10 and 4.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	CUX2 cut-like homeobox 2 [Homo sapiens (human)]
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Official Symbol	CUX2
Synonyms	CDP2; Cut like homeobox 2; Cut-like 2; CUTL2; Cux2; CUX2_HUMAN; Homeobox protein cut-like 2; Homeobox protein cux 2; Homeobox protein Cux-2; KIAA0293;
Gene ID	23316
mRNA Refseq	NM_015267.3
Protein Refseq	NP_056082.2
MIM	610648
UniProt ID	O14529
Chromosome Location	12q24.12
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity