

Recombinant Human CUX1 protein, His-tagged

Cat. No. CUX1-3332H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CUX1 protein(1-341 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-341 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MAANVGSMFQYWKRFDLQQLQRELDATATVLANRQDESEQSRKRLIEQSREFKKN TPEDLRKQVAPLLKSFQGEIDALSKRSKEAAFLNVYKRLIDVPDPVPALDLGQQQLQ LKVQRLHDIETENQKLRETLEEYNKEFAEVKNQEVTIKALKEKIREYEQTLKNQAETIA LEKEQKLQNDFAEKERKLQETQMSTTSKLEEAHKVQSLQTALEKTRTEFLDLKTKY DEETTAKADEIEMIMTDLERANQRAEVAQREAETLREQLSSANHSLQLASQIQKAPD VAIEVLTRSSLEVELAAKEREIAQLVEDVQRLQASLTKLRENSASQISQLEQQLS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

CUX1 cut-like homeobox 1 [Homo sapiens]

Official Symbol

CUX1

Synonyms

CUX1; cut-like homeobox 1; cut (Drosophila) like 1 (CCAAT displacement protein) , cut like 1, CCAAT displacement protein (Drosophila) , CUTL1; protein CASP; CASP; CDP; CDP/Cut; CDP/Cux; CDP1; Clox; CUT; CUX; Cux/CDP; golgi integral membrane protein 6; GOLIM6; cut homolog; homeobox protein cux-1; CCAAT displacement protein; putative protein product of Nbla10317; p75; COY1; p100; p110; p200; CUTL1; Nbla10317; FLJ31745;

Gene ID

1523

mRNA Refseq

NM_001202543

Protein Refseq

NP_001189472

MIM

116896

UniProt ID

P39880

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