

Recombinant Human CUX1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CUX1-2756H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CUX1 MS Standard C13 and N15-labeled recombinant protein (NP_001904) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the homeodomain family of DNA binding proteins. It may regulate gene expression, morphogenesis, and differentiation and it may also play a role in the cell cycle progression. Several alternatively spliced transcript variants encoding different isoforms have been identified.
Molecular Mass	77.3 kDa
AA Sequence	MAANVGSMFQYWKRFDLQQLQRELDATATVLANRQDESEQSRKRLIEQSREFKKN TPEDLRKQVAPLLKSFQGEIDALSKRSKEAEEAFLNVYKRLIDVPDPVPALDLGQQLQ LKVQRLHDIETENQKLRETLEEYNKEFAEVKNQEVTIKALKEKIREYEQTLKNQAETIA LEKEQKLQNDFAEKERKLQETQMSTTSKLEEAHKVQSLQTALEKTRTELFDLKTKY DEETTAKADEIEMIMTDLERANQRAEVAQREAETLREQLSSANHSLQLASQIQKAPD VEQAIEVLTRSSLEVELAAKEREIAQLVEDVQRLQASLTKLRENSASQISQLEQQLSA KNSTLKQLEEKLGQADYEEVKELNILKSMEFAPSEGAGTQDAAKPLEVLLLEKNR SLQSENAALRISNSDLSGRCAELQVRITEAVATATEQRELIARLEQDLSIIQSIQRPDA EGAAEHRLEKIPEPIKEATALFYGPAAPASGALPEGQVDSLLSISSQRERFRARNQE

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LEAENRLAQHTLQALQSELDRLADNIKLFEKIKFLQSYPGRGSGSDDTELRYSSQY
EERLDPFSSFSKRERQRKYLSLSPWDKATLSMGRVLVLSNKMARTIGFFYTFLHCLV
FLVLYKLAWSESMERDCATFCAKKFADHLHKFHENDNGAAAGDLWQTRTRPLEQK
LISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CUX1 cut-like homeobox 1 [Homo sapiens (human)]

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

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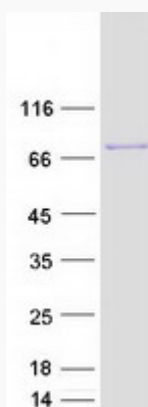
mRNA Refseq [NM_001913](#)

Protein Refseq [NP_001904](#)

MIM [116896](#)

UniProt ID [P39880](#)

SDS-PAGE



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