

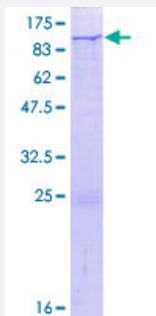
Full-Length

CUX1 (Human) Recombinant Protein (P01)

Catalog # H00001523-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CUX1 full-length ORF (AAH25422.1, 1 a.a. - 676 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAANVGSMFQYWKRFDLQQLQRELDATATVLANRQDESEQSRKRLIEQSREFKKNTPEDLRKQ
VAPLLKSFQGEIDALSKRSKEAEAAFLNVYKRLIDVPDPVPALDLGQQQLQKVQRLHDIETENQKL
RETLEEYNKEFAEVKNQEVTIKALKEKIREYEQTLKNQAETIALEKEQKLQNDFAEKERKLQETQM
STTSKLEEAHKVQSLQTALEKTRTEFLDKTKYDEETTAKADEIEMIMTDLERANQRAEVAQREA
ETLREQSSANHSLQLASQIQKAPDVAIEVLTRSSLEVELAAKEREIAQLVEDVQRLQASLTKLRE
NSASQISQLEQQLSAKNSTLKQLEEKLGQADYEEVKKELNILKSMFAPSEGAGTQDAAKPLEV
LLEKNRSLQSESAALRISNSDLGRCAELQVRTEAVATATEQRELIARLEQDLSIIQSIQRPDAEG
AAEHRLEKIPEPIKEATALFYGPAAPASGALPEGQVDSLLSISSQRERFRARNQELEAENRLAQHT
LQALQSELDLADNVKLFKIKFLQSYPRGSGSDDTELRYSSQYEERLDPFSSFSKRERQRKY
LSLSPWDKATLSMGRVLVLSNKMARTIGFFYTLFLHCLVFLVLYKLAWSESMEKDCATFCAKKFAD
HLHKFHENDNGAAAGDLWQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

103.6

Interspecies Antigen Sequence

Rat (96)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CUX1

Entrez GeneID	1523
GeneBank Accession#	BC025422.2
Protein Accession#	AAH25422.1
Gene Name	CUX1
Gene Alias	CASP, CDP, CDP/Cut, CDP1, COY1, CUTL1, CUX, Clox, Cux/CDP, GOLIM6, Nbla10317, p100, p110, p200, p75
Gene Description	cut-like homeobox 1
Omim ID	116896
Gene Ontology	Hyperlink
Gene Summary	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 of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]

Other Designations

cut homeobox|cut homolog|cut-like 1, CCAAT displacement protein|golgi integral membrane protein 6|putative protein product of Nbla10317

Disease

- [Tobacco Use Disorder](#)