

## Product datasheet for PH323826

### CUX1 (NM\_001913) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CUX1 MS Standard C13 and N15-labeled recombinant protein (NP_001904)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223826
Predicted MW:	77.3 kDa
Protein Sequence:	>RC223826 representing NM_001913 Red=Cloning site Green=Tags(s)

MAANVGSMFYWKRFDLQQLQRELDATATVLANRQDESEQSRKRLIEQSREFKKNTPEDLRKQVAPLLKS  
FQGEIDALSKRSKEAEEAFLNVYKRLIDVPDPVPALDLGQQLQLKVQRLHDIETENQKLRETLEEYNKEF  
AEVKNQEVTIKALKEKIREYEQTLKNQAETIALEKEQKLQNDFAEKERKLQETQMSTTSKLEEAHKVQS  
LQTALEKTRTELFDLTKTYDEETTAKADEIEMIMTDLERANQRAEVAQREAEATLREQLSSANHSLQLASQ  
IQKAPDVEQAIEVLTRSSLEVELAAKEREIAQLVEDVQRLQASLTKLRENSASQISQLEQQLSAKNSTLK  
QLEEKLGQADYEEVKKELNILKSMFAPSEGAGTQDAKPLEVLLLEKNRSLQSENAALRISNSDL SGR  
CAELQVRITEAVATATEQRELIARLEQDLSIIQSIQRPDAEGAAEHRLEKIPEPIKEATALFYGPAAPAS  
GALPEGQVDSL SIISSQRERFRARNQLEAENRLAQHTLQALQSELDL RADNIKLFKIKFLQSYPR  
GSGSDDTELRYSSQYEERLDPFSSF SKRERQRKYLSLSPWDKATLSMGRVLVSNKMARTIGFFYTLFLHC  
LVFLVLYKLAWSESMERDCATFCAKKFADHLHKFHENDNGAAAGDLWQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

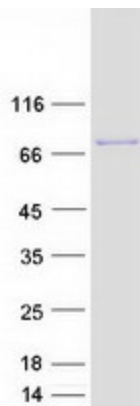
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001904</a>
RefSeq Size:	2942



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RefSeq ORF:	2034
Synonyms:	CASP; CDP; CDP/Cut; CDP1; Clox; COY1; CUTL1; CUX; Cux/CDP; GDDI; GOLIM6; Nbla10317; p75; p100; p110; p200
Locus ID:	1523
UniProt ID:	<a href="#">Q13948</a>
Cytogenetics:	7q22.1
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 encoding different isoforms have been identified.[provided by RefSeq, Feb 2011]
Protein Families:	Transcription Factors, Transmembrane

### Product images:



Coomassie blue staining of purified CUX1 protein (Cat# [TP323826]). The protein was produced from HEK293T cells transfected with CUX1 cDNA clone (Cat# [RC223826]) using MegaTran 2.0 (Cat# [TT210002]).