

## Product datasheet for PH312033

### CHX10 (VSX2) (NM\_182894) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	VSX2 MS Standard C13 and N15-labeled recombinant protein (NP_878314)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212033
Predicted MW:	39.2 kDa
Protein Sequence:	>RC212033 representing NM_182894 Red=Cloning site Green=Tags(s)  MTGKAGEALSKPKSETVAKSTSGGAPARCTGFGIQEILGLNKEPPSSHPRAALDGLAPGHLLAARSVLSPLAGVGGMGLLPGGGLPGFYTQPTFLEVLSDPQSVHLQPLGRASGPLDTSQTASSDSEDVSSSDRKMSKSALNQTKKRKRHRRTIFTSYQLEELEKAFNEAHYPDVYAREMLAMKTELPEDRIQVWFQNRRAKWRKREKCWGRSSVMAEYGLYGAMVRHSIPLPESILKSAKDGIMDSCAPWLLGMHKSLEAAAESGRKPEGERQALPKL DKMEQDERGPDAAISQEELRENSIAVLRKAQEHSTKVLGTVSGPDSLARSTEKPEEEEEAMDEDRPAE RLSPQLEDMA  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_878314</a>
RefSeq Size:	3005
RefSeq ORF:	1083
Synonyms:	CHX10; HOX10; MCOP2; MCOPCB3; RET1
Locus ID:	338917



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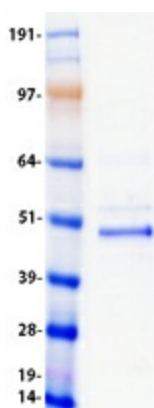
UniProt ID: [P58304](#)

Cytogenetics: 14q24.3

Summary: This gene encodes a homeobox protein originally described as a retina-specific transcription factor. Mutations in this gene are associated with microphthalmia, cataracts and iris abnormalities. [provided by RefSeq, Oct 2009]

Protein Families: Transcription Factors

### Product images:



Coomassie blue staining of purified VSX2 protein (Cat# [TP312033]). The protein was produced from HEK293T cells transfected with VSX2 cDNA clone (Cat# [RC212033]) using MegaTran 2.0 (Cat# [TT210002]).