

Product datasheet for TP312033L

CHX10 (VSX2) (NM_182894) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human visual system homeobox 2 (VSX2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212033 representing NM_182894 Red=Cloning site Green=Tags(s)

MTGKAGEALSKPKSETVAKSTSGGAPARCTGFGIQEILGLNKEPPSSHPRAALDGLAPGHLLAARSVLSP
AGVGGMGLLPGGLPGFYTQPTFLEVLSDPQSVHLQPLGRASGPLDTSQTASSDSEDVSSDRKMSKSAL
NQTKRRKRRHRTIFTSYQLEELEKAFNEAHYPDVYAREMLAMKTELPEMRIQVWFQNRRAKWRKREKCV
GRSSVMAEYGLYGAMVRHSIPLPESILKSAKDGMDSAPWLLGMHKKSLAAAESGRKPEGERQALPKL
DKMEQDERGPDAQAASQEELRENSIAVLRKAQEHSTKVLGTVSGPDSLARSTEKPEEEEEAMDEDRPAE
RLSPQLEDMA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

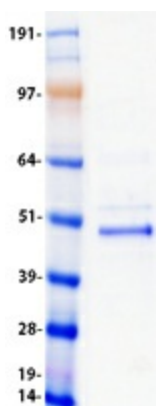
Tag:	C-Myc/DDK
Predicted MW:	39.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_878314
Locus ID:	338917



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UniProt ID:	P58304
RefSeq Size:	3005
Cytogenetics:	14q24.3
RefSeq ORF:	1083
Synonyms:	CHX10; HOX10; MCOP2; MCOPCB3; RET1
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]).