

Product datasheet for TP312033M

CHX10 (VSX2) (NM_182894) Human Recombinant Protein

Product data:

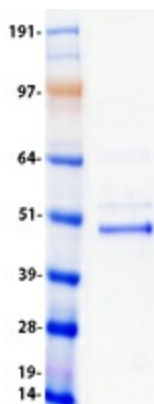
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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human visual system homeobox 2 (VSX2), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC212033 representing NM_182894 Red=Cloning site Green=Tags(s) |
| | <p>MTGKAGEALSKPKSETVAKSTSGGAPARCTGFGIQEILGLNKEPPSSHPRAALDGLAPGHLLAARSVLSP AGVGGMGLLPGGLPGFYTQPTFLEVLSDPQSVHLQPLGRASGPLDTSQTASSDSEDVSSDRKMSKSAL NQTKKRKRRHRTIFTSYQLEELEKAFNEAHYPDVYAREMLAMKTELPEMRIQVWFQNRRAKWRKREKCV GRSSVMAEYGLYGAMVRHSIPLPESILKSAKDGMDSAPWLLGMHKSLEAAAESGRKPEGERQALPKL DKMEQDERGPDAQAAISQEELRENSIAVLRKAQEHSTKVLGTVSGPDSLARSTEKPEEEEEAMDEDRPAE RLSPPQLEDMA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| 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]).