

Product datasheet for **TP505529**

Vsx2 (NM_007701) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse visual system homeobox 2 (Vsx2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205529 protein sequence Red =Cloning site Green =Tags(s)
	<p>MTGKAGEALSKPKSETVAKSTSGGAPARCTGFGIQEILGLNKEPPSSHPRAALDGLAPGHLLAARSVLSP AGVGSMLLGGGLPGFYTQPTFLEVSDPQSVHLQPLGRASGPLDTSQTASSDSEDVSSDRKMSKSAL NQTKKRKRRTIFTSYQLEELEKAFNEAHYPDVYAREMLAMKTELPEDRIQVWFQNRRAKWRKREKCW GRSSVMAEYGLYGAMVRHSIPLPESILKSAKDGMDSAPWLLGMHKKSLAAAESGRKPEVERQALPKL DKMEQEERAPEAAISQEELRENSIAALRAKAQEHSTKVLGTVSGPDSLARNAEKPEEEDATEEDRPAE KLSPPQLEDMA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	39.4 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
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 after receiving vials.
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_031727
Locus ID:	12677
UniProt ID:	Q61412 , Q80WF9



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RefSeq Size: 3234

Cytogenetics: 12 39.28 cM

RefSeq ORF: 1086

Synonyms: Chx10; Hox-1; Hox-10; Hox1; Hox10; or

Summary: This gene encodes a member of the Vsx (visual system homeobox) family which belongs to the larger PRD homeobox class. The encoded protein is required for eye organogenesis and controls retinal development. Disruption of this gene is associated with ocular retardation J (orJ), a mouse disease which causes microphthalmia, retinal degeneration and optic nerve aplasia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2014]