

Recombinant Mouse Vsx2 Protein, MYC/DDK-tagged

Cat. No. Vsx2-890M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse visual system homeobox 2 (Vsx2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	39.4 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Vsx2 visual system homeobox 2 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Vsx2](#)

Synonyms Vsx2; visual system homeobox 2; or; Chx10; Hox10; Hox-10; visual system homeobox 2; C. elegans ceh-10 homeo domain containing homolog; ceh-10 homeodomain-containing homolog; homeobox protein CHX10; ocular retardation

Gene ID [12677](#)

mRNA Refseq [NM_007701](#)

Protein Refseq [NP_031727](#)

UniProt ID [Q61412](#)

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