



# Recombinant Human Visual system homeobox 2 (VSX2)

<b>Product Code</b>	CSB-YP025939HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P58304
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MTGKAGEALS KPKSETVAKS TSGGAPARCT GFGIQEILGL NKEPPSSHPR AALDGLAPGH LLAARSVLSP AGVGGMGLLG PGGPLPGFYTQ PTFLEVLSDP QSVHLQPLGR ASGPLDTSQT ASSDSEDVSS SDRKMSKSAL NQTKKRKRR HRTIFTSYQL EELEKAFNEA HYPDVYAREM LAMKTELPED RIQVWFQNR AKWRKREKCW GRSSVMAEYG LYGAMVRHSI PLPESILKSA KDGIMDSCAP WLLGMHKKSL EAAAESGRKP EGERQALPKL DKMEQDERGP DAQAAISQEE LRENSIAVLR AKAQEHSTKV LGTVSGPDSL ARSTEKPEEE EAMDEDRPAE RLSPPQLEDMA
<b>Source</b>	Yeast
<b>Target Names</b>	VSX2
<b>Protein Names</b>	Recommended name: Visual system homeobox 2 Alternative name(s): Ceh-10 homeodomain-containing homolog Homeobox protein CHX10
<b>Expression Region</b>	1-361
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.