



Recombinant Human Visual system homeobox 2 (VSX2)

Product Code	CSB-MP025939HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P58304
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MTGKAGEALS KPKSETVAKS TSGGAPARCT GFGIQEILGL NKEPPSSHPR AALDGLAPGH LLAARSVLSP AGVGGMGLLG PGGLPGFYTQ PTFLEVLSDP QSVHLQPLGR ASGPLDTSQT ASSDSEDVSS SDRKMSKSAL NQTKKRKKRR HRTIFTSYQL EELEKAFNEA HYPDVYAREM LAMKTELPED RIQVWFQNR AKWRKREKCW GRSSVMAEYG LYGAMVRHSI PLPESILKSA KDGIMDSCAP WLLGMHKKSL EAAAESGRKP EGERQALPKL DKMEQDERGP DAQAASQEE LRENSIAVLR AKAQEHSTKV LGTVSGPDSL ARSTEKPEEE EAMDEDPAE RLSPPPQLEDMA
Source	Mammalian cell
Target Names	VSX2
Protein Names	Recommended name: Visual system homeobox 2 Alternative name(s): Ceh-10 homeodomain-containing homolog Homeobox protein CHX10
Expression Region	1-361
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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.
Shelf Life	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.