



Recombinant Human Ventral anterior homeobox 2 (VAX2)

Product Code	CSB-MP025807HU
Abbreviation	VAX2
Storage	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.
Uniprot No.	Q9UIW0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MGDGGGAERDR GPARRAESGG GGGRCGDRSG AGDLRADGGG HSPTEVAGTS ASSPAGSRES GADSDGQPGP GEADHCRRIL VRDAKGTIRE IVLPKGLDLDPKRRTRTSFT AEQLYRLEME FQRCQYVVGR ERTELARQLN LSETQVKVWF QNRRTKQKKD QSRDLEKRAS SSASEAFATS NILRLLEQGR LLSVPRAPSL LALTPSLPGL PASHRGTS LG DPRNSSPRLN PLSSASASPP LPPPLPAVCF SSAPLLDLPA GYELGSSAFE PYSWLERKVG SASSCKKANT
Source	Mammalian cell
Target Names	VAX2
Protein Names	Recommended name: Ventral anterior homeobox 2
Expression Region	1-290
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 and is almost exclusively expressed in the ventral portion of the retina during development. In mouse studies, this gene was found to be required for the correct formation of the optic fissure and other aspects of retinal development.
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.