



Recombinant Mouse Homeobox protein Nkx-2.2 (Nkx2-2)

Product Code	CSB-EP015842MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P42586
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MSLTNTKTGF SVKDILDLPD TNDEDGSVAE GPEEESGPE PAKRAGPLGQ GALDAVQSLP LKSPFYDSSD NPYTRWLAST EGLQYSLHGL AASAPPQDSS SKSPEPSADE SPDNDKETQG GGGDAGKKRK RRVLFKAQT YELERRFRQQ RYLSAPEREH LASLIRLTPT QVKIWFQNRH YKMKRARA EK GMEVTPLPSP RRVAVPVLVR DGKPCHALKA QDLAAATFQA GIPFSAYSAQ SLQHMQYNAQ YSSASTPQYP TAHPLVQAQQ WTW
Source	E.coli
Target Names	Nkx2-2
Protein Names	Recommended name: Homeobox protein Nkx-2.2 Alternative name(s): Homeobox protein NK-2 homolog B
Expression Region	1-273
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 protein contains a homeobox domain and may be involved in the morphogenesis of the central nervous system. This gene is found on chromosome 20 near NKX2-4, and these two genes appear to be duplicated on chromosome 14 in the form of TITF1 and NKX2-8. The encoded protein is likely to be a nuclear transcription factor.
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.