



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

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| Product Code | CSB-MP015842MO |
| 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 | Mammalian cell |
| 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. |