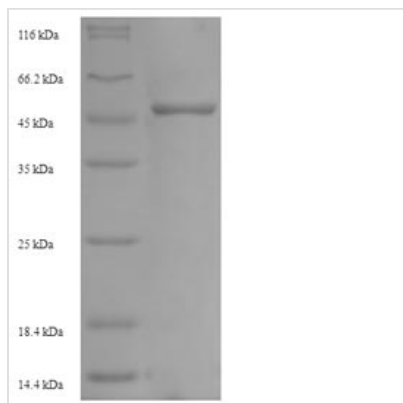




Recombinant Mouse Homeobox protein Nkx-2.2 (Nkx2-2)

Product Code	CSB-EP015842MO
Relevance	Acts as a transcriptional activator. Required for the maintenance of NEUROD1 expression in the hormone-producing endocrine cells of the pancreas. May be involved in specifying diencephalic neuromeric boundaries, and in controlling the expression of genes that play a role in axonal guidance. Associates with chromatin at the NEUROD1 promoter region. Binds to a subset of consensus elements within the NEUROD1 promoter.
Abbreviation	Recombinant Mouse Nkx2-2 protein
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.	P42586
Alias	Homeobox protein NK-2 homolog B
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MSLTNTKTGFSVKDILDLPDTNDEDGSVAEGPEEESEGPEPAKRAGPLGQGA LDAVQSLPLKSPFYDSSDNPYTRWLASTEGLQYSLHGLAASAPPQDSSSKSP EPSADESPDNDKETQGGGGDAGKKRKRRLVFSKAQTYELERRFRQQRYLSA PEREHLASLIRLTPTQVKIWFQNHRYKMKRARAIEKGMVETPLPSPRRVAVPVL VRDGKPCHALKAQDLAAATFQAGIPFSAYSQSLQHMQYNAQYSSASTPQYP TAHPLVQAQQWTW
Research Area	Others
Source	E.coli
Target Names	Nkx2-2
Expression Region	1-273aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	46.1kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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