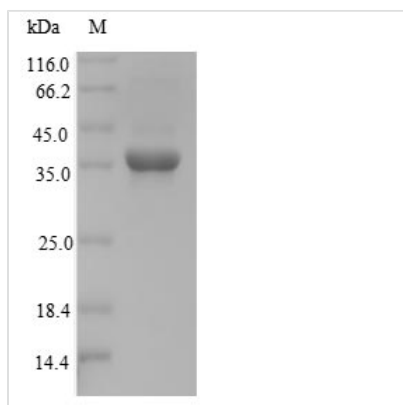




Recombinant Mouse Homeobox protein Nkx-3.2 (Nkx3-2)

Product Code	CSB-EP015849MOe1
Relevance	Transcriptional repressor that acts as a negative regulator of chondrocyte maturation. PLays a role in distal stomach development; required for proper antral-pyloric morphogenesis and development of antral-type epithelium. In concert with GSC, defines the structural components of the middle ear; required for tympanic ring and gonium development and in the regulation of the width of the malleus.
Abbreviation	Recombinant Mouse Nkx3-2 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.	P97503
Alias	Bagpipe homeobox protein homolog 1 Homeobox protein NK-3 homolog B
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MAVRGSGTLTPFSIQAILNKKEERGGLATPEGRPAPGGTEVAVTAAPAVCCW RIFGETEAGALGGAEDSLLASPARTRTAVGQSAESPGGWSDSALSENEGR RRCADVPGASGTGRARVTLGLDQPGCELHAAKDLEEEAPVRSDSEMSASVS GDHSPRGEDDSVSPGGARVPGLRGAAGSGASGGQAGGVEEEEPAAPKPR KKRSRAAFSHAQVFELERRFNHQRYLSGPERADLAASLKLTTETQVKIWFQNR RYKTKRRQMAADLLASAPAAKKVAVKVLVRDDQRQYLPGEVLRPPSLLPLQP SYYPYYPYCLPGWALSTCAAAAGTQ
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	Nkx3-2
Expression Region	1-333aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	35.2kDa
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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