



# Recombinant Mouse Protein atonal homolog 1 (Atoh1)

<b>Product Code</b>	CSB-YP002306MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P48985
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSRLLHAE EW AEVKELGDHH RHPQPHHVPP LTPQPPATLQ ARDLPVYP AE LSLLDSTDPR AWLTPTLQGL CTARAAQYLL HSPELGASEA AAPRDEADSQ GELVRRSGCG GLSKSPGPVK VREQLCKLKG GVVVDELGCS RQRAPSSKQV NGVQKQRR LA ANARERRRMH GLNHAFDQLR NVIPSFNNDK KLSKYETLQM AQIYINALSE LLQTPNVGEQ PPPPTASCKN DHHHLRTASS YEGGAGASAV AGAQPAPGGG PRPTPPGPCR TRFSGPASSG GYSVQLDALH FPAFEDRALT AMMAQKDLSP SLPGGILQPV QEDNSKTSPR SHRSDFEFSP HSHYSDSDEA S
<b>Source</b>	Yeast
<b>Target Names</b>	Atoh1
<b>Protein Names</b>	Recommended name: Protein atonal homolog 1 Alternative name(s): Helix-loop-helix protein mATH-1 Short name= mATH1
<b>Expression Region</b>	1-351
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This protein belongs to the basic helix-loop-helix (BHLH) family of transcription factors. It activates E-box dependent transcription along with E47.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.