



Recombinant Mouse Protein atonal homolog 1 (Atoh1)

Product Code	CSB-BP002306MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P48985
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MSRLLHAE EW AEVKELGDHH RHPQPHHVPP LTPQPPATLQ ARDLPVYP AE LSLLDSTDPR AWLTPTLQGL CTARAAQYLL HSP ELGASEA AAPRDEADSQ GELVRRSGCG GLSKSPGPVK VREQLCKLKG GVVVDELGCS RQRAPSSKQV NGVQKQRR LA ANARERRRMH GLNHAFDQLR NVIPSFNNDK KLSKYETLQM AQIYINALSE LLQTPNVGEQ PPPPTASCKN DHHHLRTASS YEGGAGASAV AGAQPAPGGG PRPTPPGPCR TRFSGPASSG GYSVQLDALH FPAFEDRAL T AMMAQKDLSP SLPGGILQPV QEDNSKTSPR SHRS DGEFSP HSHYSDSDEA S
Source	Baculovirus
Target Names	Atoh1
Protein Names	Recommended name: Protein atonal homolog 1 Alternative name(s): Helix-loop-helix protein mATH-1 Short name= mATH1
Expression Region	1-351
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 belongs to the basic helix-loop-helix (BHLH) family of transcription factors. It activates E-box dependent transcription along with E47.
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.