

Protein atonal homolog 1 (Atoh1) Recombinant Protein | Atoh1 recombinant protein

Recombinant Mouse Protein atonal homolog 1 (Atoh1)

CATALOG # AAA114095	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

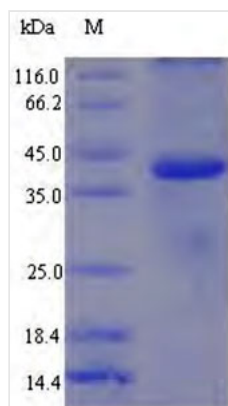
PRODUCT SYNONYMS

Protein atonal homolog 1 (Atoh1); Recombinant Mouse Protein atonal homolog 1 (Atoh1); Atoh1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-351aa, Full Length
Sequence	MSRLLHAEW AEVKELGDHH RHPQPHVPP LTPQPPATLQ ARDLPVYP AE LSLDSTDPR 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 QEDNSKTSR SHRSDGEFSP HSHYSDSDEA S
Sequence Length	351
Species	Mus musculus (Mouse)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Atoh1 recombinant protein	Transcriptional regulator. Activates E box-dependent transcription in collaboration with TCF3 E47, but the activity is completely antagonized by the negative regulator of neurogenesis HES1. Plays a role in the differentiation of subsets of neural cells by activating E box-dependent transcription.
--	---

Product Categories/Family for Atoh1 recombinant protein	Epigenetics and Nuclear Signaling
References	"A mammalian helix-loop-helix factor structurally related to the product of Drosophila proneural gene atonal is a positive transcriptional regulator expressed in the developing nervous system." Akazawa C., Ishibashi M., Shimizu C., Nakanishi S., Kageyama R. J. Biol. Chem. 270:8730-8738(1995)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680742
NCBI GeneID	11921
NCBI Accession #	NP_031526.1
NCBI GenBank Nucleotide #	NM_007500.5
UniProt Accession #	P48985
Molecular Weight	41.9 kDa
NCBI Official Full Name	protein atonal homolog 1
NCBI Official Synonym Full Names	atonal bHLH transcription factor 1
NCBI Official Symbol	Atoh1
NCBI Official Synonym Symbols	Hath1; Math1; MATH-1; bHLHa14
NCBI Protein Information	protein atonal homolog 1
UniProt Protein Name	Protein atonal homolog 1
UniProt Gene Name	Atoh1
UniProt Synonym Gene Names	Ath1; mATH1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.