

Recombinant Mouse ATOH1 Protein (1-351 aa), His-tagged

Cat. No. ATOH1-2419M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ATOH1 Protein (1-351 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	Mouse
Source	E.coli
ProteinLength	1-351 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	41.9 kDa
AA Sequence	MSRLLHAEWAEVKELGDHHRHPQPHVPLTPQPPATLQARDLPVYPAELSL LDS TDPRAWLTPTLQGLCTARAAQYLLHSPELGASEAAAPRDEADSQGELVRRSGCGG LSKSPGPVKVREQLCKLKGGVVVDELGCSRQRAPSSKQVNGVQKQRRLLAANARER RRMHGLNHAFDQLRNVIPSFNNDKKLSKYETLQMAQIYINALSELLQTPNVGEQPPP PTASCKNDHHHLRTASSYEGGAGASAVAGAQPAPGGGPRPTPPGPCRTRFSGPAS SGGYSVQLDALHFPAFEDRAL TAMMAQKDLSPSLPGGILQPVQEDNSKTSRSHRS

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	DGEFSPHSHYSDSDEAS
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

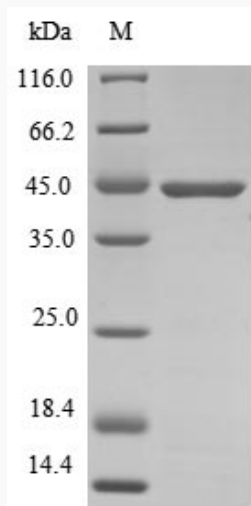
GENE INFORMATION

Gene Name	Atoh1 atonal homolog 1 (Drosophila) [Mus musculus]
Official Symbol	ATOH1
Synonyms	ATOH1; atonal homolog 1 (Drosophila); protein atonal homolog 1; Hath1; Math1; MATH-1; bHLHa14;
Gene ID	11921
mRNA Refseq	NM_007500
Protein Refseq	NP_031526
UniProt ID	P48985

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

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