

Recombinant Human ATOH1 protein

Cat. No. ATOH1-369H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATOH1(158-354aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	158-354 a.a.
Description	ATOH1, also known as protein atonal homolog 1, activates E box-dependent transcription in collaboration with TCF3/E47, but the activity is completely antagonized by the negative regulator of neurogenesis HES1. This protein may play a role in the differentiation of subsets of neural cells by activating E box-dependent transcription.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.4M urea
Molecular Mass	21.3 kDa
AA Sequence	MKQRRRLAANA RERRRMHGLN HAFDQLRNVI PSFNNDKKLS KYETLQMAQI YINALSELLQ TPSGGEQPPP PPASCKSDHH HLRTAASYEGGAGNATAAGA QQASGGSQRP TPPGSCRTRF SAPASAGGYS VQLDALHFST FEDSALTAMM AQKNLSPSLP GSILQPVQEE NSKTSPRSHRSDGEFSPHSH YSDSDEAS
Purity	> 85% by SDS - PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	ATOH1 atonal homolog 1 (Drosophila) [Homo sapiens]
Official Symbol	ATOH1
Synonyms	ATOH1; atonal homolog 1 (Drosophila); protein atonal homolog 1; bHLHa14; HATH1; MATH 1; Math1; helix-loop-helix protein hATH-1; class A basic helix-loop-helix protein 14; ATH1; MATH-1;
Gene ID	474
mRNA Refseq	NM_005172
Protein Refseq	NP_005163
MIM	601461
UniProt ID	Q92858
Chromosome Location	4q22
Function	chromatin DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA