

Product information

ATOH1, 158-354aa

Human, Recombinant, *E.coli*

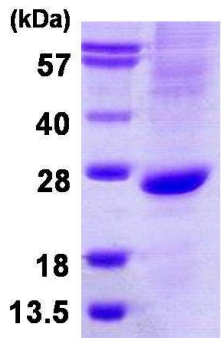
Cat. No. IBATGP1485

Full name: Protein atonal homolog 1

NCBI Accession No.: NP_005163

Synonyms: ATH1, bHLHa14, HATH1, MATH-1

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. Recombinant human ATOH1 protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

<p>Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 0.4M Urea</p> <p>Molecular Weight: 21.3 kDa (198aa)</p> <p>Purity: > 85% by SDS - PAGE</p> <p>Concentration: 1 mg/ml (determined by Bradford assay)</p>	 <p>(kDa)</p> <p>57</p> <p>40</p> <p>28</p> <p>18</p> <p>13.5</p> <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MKQRRLAANA RERRRMHGLN HAFDQLRNV I PSFNNDKKLS KYETLQMAQI YINALSELLQ TPSGGEQPPP PPASCKSDHH HLRTAASYEG GAGNATAAGA QQASGGSQRP TPPGSCRTRF SAPASAGGYS VQLDALHFST FEDSALTAMM AQKNLSPSLP GSILQPVQEE NSKTSRPSHR SDGEFSPHSH YSDSDEAS</p>	

General references:

Ben-Arie N., *et al.* (1996) *Hum. Mol. Genet.* 5:1207-1216

The MGC Project Team (2004) *Genome Res.* 14:2121-2127

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.