

## 32-3263: ATOH1 Recombinant Protein

**Alternative Name :** Atonal homolog 1 (Drosophila), Helix-loop-helix protein hATH-1, Class A basic helix-loop-helix protein 14, bHLHa14, HATH1, Math1.

### Description

Source : E.coli. ATOH1 Human Recombinant produced in E. coli is a single polypeptide chain containing 198 amino acids (158-354) and having a molecular mass of 21.3kDa. ATOH1 is purified by proprietary chromatographic techniques. ATOH1 activates E box-dependent transcription in collaboration with TCF3/E47, but the activity is entirely provoked by the negative regulator of neurogenesis HES1. ATOH1 takes part in the differentiation of divisions of neural cells by activating E box-dependent transcription.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** The ATOH1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MKQRRLAANA RERRRMHGLN HAFDQLRNVI PSFNNDKKLS KYETLQMAQI YINALSELLQ TPSGGGEQPPP  
PPASCKSDHH HLRTAASYEG GAGNATAAGA QQASGGGSRP TPPGSCRTF SAPASAGGYS  
VQLDALHFST FEDSALTAMM AQKNLSPSLP GSILQPVEE NSKTSPRSHR SDGEFSPHSH YSDSDEAS

