

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 PSFNNDKCLS KYETLQMAQI YINALSELLQ TPSGGEQPPP
PPASCKSDHH HLRTAASYEG GAGNATAAGA QQASGGSQRP TPPGSCRTRF SAPASAGGYS
VQLDALHFST FEDSALTAMM AQKNLSPSLP GSILQPVEE NSKTSPRSHR SDGEFSPHSH YSDSDEAS

