9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

ATOH1 Human

Atonal Homolog 1 Human Recombinant
RCP0136

Product Overview

Name	ATOH1 Human
Description	
Atonal Homolog 1 Human Recombinant	
Accession (Primary)	Q92858
Synonyms	
Atonal homolog 1 (Drosophila), Helix-loop-helix protein hATH-1, Class A basic helix-loop-helix protein 14, bHLHa14, HATH1, Math1.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The ATOH1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MKQRRLAANA RERRRMHGLN HAFDQLRNVI PSFNNDKKLS KYETLQMAQI YINALSELLQ TPSGGEQPPP PPASCKSDHH HLRTAASYEG GAGNATAAGA QQASGGSQRP TPPGSCRTRF SAPASAGGYS VQLDALHFST FEDSALTAMM AQKNLSPSLP GSILQPVQEE NSKTSPRSHR SDGEFSPHSH YSDSDEAS	
Precautions	
ATOH1 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q92858)