

Atonal Homolog 1 Human Recombinant

Item Number	rAP-3785
Synonyms	Atonal homolog 1 (Drosophila), Helix-loop-helix protein hATH-1, Class A basic helix-loop-helix protein 14, bHLHa14, HATH1, Math1.
Description	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.
Uniprot Accession Number	Q92858
Amino Acid Sequence	MKQRRLAANA RERRRMHGLN HAFDQLRNVI PSFNNDKKLS KYETLQMAQI YINALSELLQ TPSGGEQPPP PPASCKSDHH HLRTAASYEG GAGNATAAGA QQASGGSQRP TPPGSCRTRF SAPASAGGYS VQLDALHFST FEDSALTAMM AQKNLSPSLP GSILQPVQEE NSKTSPRSHR SDGEFSPHSH YSDSDEAS
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The ATOH1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**