

Recombinant Human ATOH1 protein, His-tagged

Cat. No. ATOH1-3202H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATOH1 protein(1-354 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-354 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MSRLLHAEWEAEVKELGDHHRQPQPHHLPQPPPPPPQPPATLQAREHPVYPPELSL LDSTDPAWLAPTLQGICTARAAQYLLHSPELGASEAAAPRDEV DGRGELVRRSSG GASSSKSPGPVKVREQLCKLKGGVVVDELGCSRQRAPSSKQVNGVQKQRRLAANA RERRRMHGLNHAFDQLRNVIPSFNNDKKLSKYETLQMAQIYINALSELLQTPSGGEQ PPPPPASCKSDHHHLRTAASYEGGAGNATAAGAAQASGGSQRPTPPGSCRTRFSA PASAGGYSVQLDALHFSTFEDSALTAMMAQKNLSPSLPGSILQPVQEENSKTSPRS HRSDGEFSPHSHYSDSDEAS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name ATOH1 atonal homolog 1 (Drosophila) [Homo sapiens]

Official Symbol ATOH1

Synonyms

ATOH1; atonal homolog 1 (Drosophila); protein atonal homolog 1; bHLHa14; HATH1; MATH 1; Math1; helix-loop-helix protein hATH-1; class A basic helix-loop-helix protein 14; ATH1; MATH-1;

Gene ID 474

mRNA Refseq NM_005172

Protein Refseq NP_005163

MIM 601461

UniProt ID Q92858

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