



# Recombinant Human Protein atonal homolog 1 (ATOH1)

<b>Product Code</b>	CSB-EP846107HU-B
<b>Abbreviation</b>	ATOH1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q92858
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSRLLHAE EW AEVKELGDHH RQPQPHHLPQ PPPPPQPPAT LQAREHPVYP PELSLLDSTD PRAWLAPTLQ GICTARAAQY LLHSPELGAS EAAAPRDEVD GRGELVRRSS GGASSSKSPG PVKVREQLCK LKGGVVVDEL GCSRQRAPSS KQVNGVQKQR RLAANARERR RMHGLNHAFD QLRNVIPSFN NDKKLSKYET LQMAQIYINA LSELLQTPSG GEQPPPPAS CKSDHHHLRT AASYEGGAGN ATAAGAQQAS GGSQRPTPPG SCRTRFSAPA SAGGYSVQLD ALHFSTFEDS ALTAMMAQKN LSPSLPGSIL QPVQEENSKT SPRSHRSDGE FSPHSHYSDS DEAS
<b>Source</b>	E.coli
<b>Target Names</b>	ATOH1
<b>Protein Names</b>	Recommended name: Protein atonal homolog 1 Alternative name(s): Class A basic helix-loop-helix protein 14 Short name= bHLHa14 Helix-loop-helix protein hATH-1 Short name= hATH1
<b>Expression Region</b>	1-354
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein belongs to the basic helix-loop-helix (BHLH) family of transcription factors. It activates E-box dependent transcription along with E47.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients,



storage temperature and the stability of the protein itself.  
Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.