



# Recombinant Human Protein atonal homolog 1 (ATOH1)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-MP846107HU  |
| <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<br>PELSLLDSTD PRAWLAPTLQ GICTARAAQY LLHSPELGAS EAAAPRDEVD<br>GRGELVRRSS GGASSSKSPG PVKQVREQLCK LKGGVVVDEL<br>GCSRQRAPSS KQVNGVQKQR RLAANARERR RMHGLNHAFD<br>QLRNVIPSFN NDKKLSKYET LQMAQIYINA LSELLQTPSG GEQPPPPAS<br>CKSDHHHLRT AASYEGGAGN ATAAGAQQAS GGSQRPTPPG<br>SCRTRFSAPA SAGGYSVQLD ALHFSTFEDS ALTAMMAQKN LSPSLPGSIL<br>QPVQEENSKT SPRSHRSDGE FSPHSHYSDS DEAS |
| <b>Source</b>            | Mammalian cell  |
| <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,   |



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