

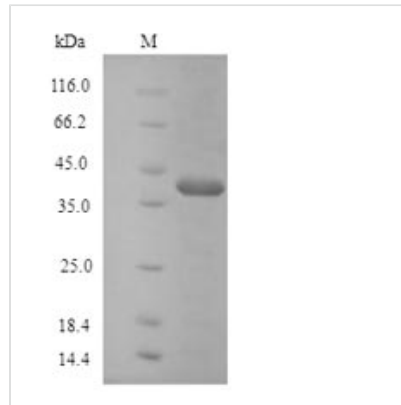


# Recombinant Human Protein atonal homolog 1 (ATOH1)

<b>Product Code</b>	CSB-YP846107HU
<b>Relevance</b>	Transcriptional regulator. Activates E box-dependent transcription in collaboration with TCF3/E47, but the activity is completely antagonized by the negative regulator of neurogenesis HES1. Plays a role in the differentiation of subsets of neural cells by activating E box-dependent transcription
<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>Alias</b>	Class A basic helix-loop-helix protein 14 Short name: bHLHa14 Helix-loop-helix protein hATH-1 Short name: hATH1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MSRLLHAEWEAEVKELGDHHRQPQPHHLPQPPPPQPPATLQAREHPVYPP ELSLLDSTDPRAWLAPTLQGICTARAAQYLLHSPELGASEAAAPRDEVDGRGE LVRRSSGGASSKSPGPVKVREQLCKLKGGVVVDELGCSRQRAPSSKQVNG VQKQRRLAANARERRRMHGLNHAFDQLRNVIPSFNNDKLSKYETLQMAQIYI NALSELLQTPSGGEQPPPPASCKSDHHHLRRTAASYEGGAGNATAAGAQQA SGGSQRPTPPGSCRTRFSAPASAGGYSVQLDALHFSTFEDSALTAMMAQKNL SPSLPGSILQPVQEENSKTSPRSHRSDGEFSPHSHYSDSDEAS
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Source</b>	Yeast
<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>	1-354aa
<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>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	40.2kDa
<b>Protein Length</b>	Full Length



## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Shelf Life

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.