

Recombinant Human ATOH7 protein, GST-tagged

Cat. No. ATOH7-956H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATOH7 full-length ORF (AAH32621.1, 1 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This intronless gene encodes a member of the basic helix-loop-helix family of transcription factors, with similarity to Drosophila atonal gene that controls photoreceptor development. Studies in mice suggest that this gene plays a central role in retinal ganglion cell and optic nerve formation. Mutations in this gene are associated with nonsyndromic congenital retinal nonattachment. [provided by RefSeq, Dec 2011]
Molecular Mass	43.12 kDa
AA Sequence	MKSCCKPSGPPAGARVAPPCAGGTECAGTCAGAGRLESAARRRLAANARERRRMQ GLNTAFDRLRRVVPQWGQDKKLSKYETLQMALSYIMALTRILAEAERFGSERDWVG LHCEHFGRDHYLPFPGAKLPGESELYSQRLFGFQPEPFQMAT
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [ATOH7 atonal homolog 7 \(Drosophila\) \[Homo sapiens \]](#)

Official Symbol [ATOH7](#)

Synonyms ATOH7; atonal homolog 7 (Drosophila); protein atonal homolog 7; bHLHa13; Math5; hATH5; helix-loop-helix protein hATH-5; class A basic helix-loop-helix protein 13;

Gene ID [220202](#)

mRNA Refseq [NM_145178](#)

Protein Refseq [NP_660161](#)

MIM [609875](#)

UniProt ID [Q8N100](#)

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