

Recombinant Full Length Human ATOH7 Protein, GST-tagged

Cat. No. ATOH7-1422HF **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	In Vitro Cell Free System
ProteinLength	527 amino acids
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	MKSCCKPSGPP AGARVAPPCA GGTECAGTCA GAGRLESAAR RRLAANARER RRMQGLNTAF DRLRRVVPQW GQDKKLSKYE TLQMALSYIM ALTRILAEAE RFGSERDWVG LHCEHFGRDH YLPFPGAKLP GESELYSQRL FGFQPEPFQM AT
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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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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