

## Recombinant Human BHLHB9, GST-tagged

Cat. No. BHLHB9-10220H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human BHLHB9 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** C-term-350a.a.

**Description** This gene is a member of a gene family which encodes proteins with a basic helix-loop-helix domain. Other members of this gene family encode proteins which function as transcription factors, either enhancing or inhibiting transcription depending on the activity of other DNA binding proteins. The coding region of this gene is located entirely within the terminal exon. The encoded protein may be involved in the survival of neurons (PMID: 15034937). Multiple alternatively spliced variants, encoding the same protein, have been identified.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	BHLHB9 basic helix-loop-helix domain containing, class B, 9 [ Homo sapiens ]
<b>Official Symbol</b>	BHLHB9
<b>Synonyms</b>	BHLHB9; basic helix-loop-helix domain containing, class B, 9; protein BHLHb9; KIAA1701; p60TRP; p60-like protein; transcription regulator of 60 kDa;
<b>Gene ID</b>	80823
<b>mRNA Refseq</b>	NM_001142524
<b>Protein Refseq</b>	NP_001135996
<b>UniProt ID</b>	Q6PI77
<b>Chromosome Location</b>	Xq23
<b>Function</b>	binding;

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