

## Recombinant Human BHLHA15 Protein, GST-tagged

Cat. No. BHLHA15-209H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Human BHLHB8 partial ORF ( NP_803238.1, 75 a.a. - 140 a.a.) recombinant protein with GST-tag at N-terminal.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | Wheat Germ  |
| <b>Description</b>      | MIST1 is a basic helix-loop-helix (bHLH) protein that binds to the DNA target sequence CANNTG (E box) present in the promoter or enhancer region of numerous developmentally regulated genes. |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.  |
| <b>Molecular Mass</b>   | 33 kDa  |
| <b>AA Sequence</b>      | QRRLESNERERQRMHKLNNAFQALREVIPHVRADKKLSKIETLTLAKNYIKSLTATILT<br>MSSSRLP  |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.  |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.  |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.  |

### GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|------------------------|--|
| <b>Gene Name</b>       | BHLHA15 basic helix-loop-helix family, member a15 [ Homo sapiens ]   |
| <b>Official Symbol</b> | BHLHA15  |
| <b>Synonyms</b>        | BHLHA15; basic helix-loop-helix family, member a15; basic helix loop helix domain containing, class B, 8 , BHLHB8; class A basic helix-loop-helix protein 15; bHLHa15; MIST1; MIST-1; class II bHLH protein MIST1; class B basic helix-loop-helix protein 8; muscle, intestine and stomach expression 1; basic helix-loop-helix domain containing, class B, 8; BHLHB8; |
| <b>Gene ID</b>         | 168620   |
| <b>mRNA Refseq</b>     | NM_177455  |
| <b>Protein Refseq</b>  | NP_803238  |
| <b>MIM</b>             | 608606   |
| <b>UniProt ID</b>      | Q7RTS1   |

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