# Recombinant Human BHLHE23 Protein, MYC/DDK-tagged

**Cat. No.** BHLHE23-2600H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human BHLHE23 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293. |
| **Species** | Human |
| **Source** | HEK293 |
| **Description** | This gene encodes a member of the basic helix-loop-helix transcription factor family. Members of this family contain two highly conserved and functionally distinct domains: the basic domain targets sequence-specific DNA binding, while the helix-loop-helix domain facilitates protein interaction. Studies of a related gene in mouse suggest that the encoded protein may function as a transcriptional repressor in the pancreas and brain, and that it is required for normal retinal function. |
| **Form** | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| **Molecular Mass** | 23.5 kDa |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Concentration** | >50 ug/mL as determined by microplate BCA method |

## GENE INFORMATION

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| **Gene Name** | BHLHE23 basic helix-loop-helix family, member e23 [ Homo sapiens ] |

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| **Official Symbol** | BHLHE23 |
| **Synonyms** | bA305P22.3; Beta3b; BETA4; BHLHB4 |
| **Gene ID** | 128408 |
| **mRNA Refseq** | NM_080606 |
| **Protein Refseq** | NP_542173 |
| **MIM** | 609331 |
| **UniProt ID** | Q8NDY6 |

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