

## Recombinant Human BHLHE23 protein, GST-tagged

**Cat. No.** BHLHE23-301245H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BHLHE23 (173-226 aa) protein, fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gly173-Pro226
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>AA Sequence</b>	GLAAPVNAAPLTPFGQATVCPFSAGAALGPCPKCAAFSGTPSALCKKHCHEKP
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Stability</b>	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

<b>Gene Name</b>	BHLHE23 basic helix-loop-helix family, member e23 [ Homo sapiens ]
<b>Official Symbol</b>	BHLHE23
<b>Synonyms</b>	BHLHE23; basic helix-loop-helix family, member e23; basic helix loop helix domain containing, class B, 4 , BHLHB4; class E basic helix-loop-helix protein 23; bA305P22.3; Beta4; bHLHe23; class B basic helix-loop-helix protein 4; basic helix-loop-helix domain containing, class B, 4; BETA4; BHLHB4;
<b>Gene ID</b>	128408
<b>mRNA Refseq</b>	NM_080606
<b>Protein Refseq</b>	NP_542173
<b>MIM</b>	609331
<b>UniProt ID</b>	Q8NDY6

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