

Recombinant Human BHLHA15 Protein, His-tagged

Cat. No. BHLHA15-315H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BHLHA15 Protein (Arg85-Thr189) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg85-Thr189
Description	Enables sequence-specific double-stranded DNA binding activity. Predicted to be involved in several processes, including cellular response to glucose starvation; endoplasmic reticulum unfolded protein response; and negative regulation of myotube differentiation. Predicted to act upstream of or within several processes, including glucose homeostasis; intracellular distribution of mitochondria; and mitochondrial calcium ion transmembrane transport. Predicted to be part of chromatin.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.5 kDa Accurate Molecular Mass: 16 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

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

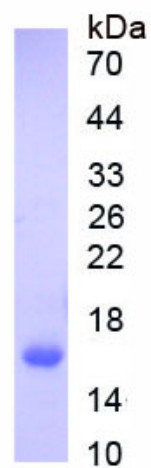
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UniProt ID

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