

Recombinant Human BHLHE22 protein, His-tagged

Cat. No. BHLHE22-3611H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BHLHE22 protein(1-225 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-225 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MERGMHLGAAAAGEDDLFLHKSLSASTSKRLEAAFRSTPPGMDLSLAPPPRERPAS SSSSPLGCFEPADPEGAGLLLPPEGGGGGGSAGSGGGGGGGVGPGLLVGSAGV GGDPSLSSLPAGAALCLKYGESASRGSAESSGGEQSPDDSDGRCELVLRAGVA DPRASPGAGGGGAKAAEGCSNAHLHGASVPPGGLGGGGGGSSSGSSGGGGG SGSGSGG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION
Gene Name

BHLHE22 basic helix-loop-helix family, member e22 [Homo sapiens]

Official Symbol

BHLHE22

Synonyms

BHLHE22; basic helix-loop-helix family, member e22; basic helix loop helix domain containing, class B, 5 , BHLHB5, TNRC20, trinucleotide repeat containing 20; class E basic helix-loop-helix protein 22; Beta3; bHLHe22; CAGL85; trinucleotide repeat containing 20; class B basic helix-loop-helix protein 5; trinucleotide repeat-containing gene 20 protein; basic helix-loop-helix domain containing, class B, 5; BHLHB5; TNRC20;

Gene ID

27319

mRNA Refseq

NM_152414

Protein Refseq

NP_689627

MIM

613483

UniProt ID

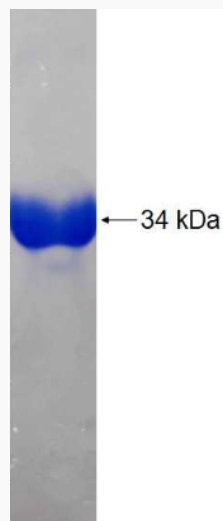
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SDS-PAGE



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