

Recombinant Human BHLHE40 Protein, GST-tagged

Cat. No. BHLHE40-212H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human BHLHE40 full-length ORF (ABZ92197.1, 1 a.a. - 412 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a basic helix-loop-helix protein expressed in various tissues. Expression in the chondrocytes is responsive to the addition of Bt2cAMP. The encoded protein is believed to be involved in the control of cell differentiation.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	45.4 kDa
AA Sequence	MERIPSAQPPPAACLPKAPGLEHGDLPGMYP AHMYQVYKSRRGIKRSEDSKETYKLP HRLIEKKRRDRINECIAQLKDLLPEHLKLTTLGHLEKAVVLELTLKHVKALTNLIDQQQ QKIIALQSG LQAGELSGRNVETGQEMFCSGFQTCAREVLQYLAKHENTRDLKSSQL VTHLHRVVSELLQGGTSRKPSDPAPKVMDFKEKPSSPAK GSEGP GKNCVPVIQRTF AHSSGEQSGSDTDTDSGYGGESEK GDLRSEQPCFKSDHGRRFTMGERIGA IKQES EEPPTKKNRMQLSDDEGHFTSSDLISSPFLGPHPHQPPFCLPFYLIPPSATAYLPMLE KCWYPTSVPVLYPGLNASAAAALSSFMNPDKISAPLLMPQRLPSPLPAHPSVDSSVLL QALKPIPLNLETKD
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [BHLHE40 basic helix-loop-helix family, member e40 \[Homo sapiens \]](#)

Official Symbol [BHLHE40](#)

Synonyms BHLHE40; basic helix-loop-helix family, member e40; basic helix loop helix domain containing, class B, 2 , BHLHB2, STRA13; class E basic helix-loop-helix protein 40; differentiated embryo chondrocyte expressed gene 1; bHLHe40; DEC1; differentially express

Gene ID [8553](#)

mRNA Refseq [NM_003670](#)

Protein Refseq [NP_003661](#)

MIM [604256](#)

UniProt ID [O14503](#)

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