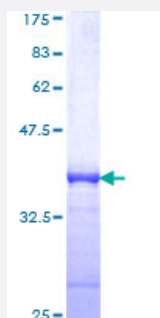


BHLHB2 (Human) Recombinant Protein (Q01)

Catalog # H00008553-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BHLHB2 partial ORF (NP_003661, 130 a.a. - 229 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LSGRNVETGQEMFCSGFQTCAREVLQYLAKHENTRDLKSSQLVTHLHRVVSELLQGGTSRKPSD PAPKVMDKFKEKPSSPAKGSEGP GKNCVPVIQRTFAH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (90)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BHLHE40

Entrez GeneID	8553
GeneBank Accession#	NM_003670
Protein Accession#	NP_003661
Gene Name	BHLHE40
Gene Alias	BHLHB2, DEC1, FLJ99214, SHARP-2, STRA13, Stra14
Gene Description	basic helix-loop-helix family, member e40
Omim ID	604256
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	basic helix-loop-helix domain containing, class B, 2 differentially expressed in chondrocytes 1 differentiated embryo chondrocyte expressed gene 1

Pathway

- [Circadian rhythm - mammal](#)

Disease

- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Chronobiology Disorders](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Mood Disorders](#)
- [Sleep Disorders](#)