

## Product datasheet for **TP506468**

### **Bhlhe40 (NM\_011498) Mouse Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse basic helix-loop-helix family, member e40 (Bhlhe40), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206468 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MERIPSAQPPPTCLPKAPGLEHGDLSGMDFAHMYQVYKSRRGIKRSEDSKETYKLPHRLIEKKRRDRINE CIAQLKDLLPEHLKLTTLGHLEKAWVLELTLKHVKALTNLIDQQQKIIALQSGLQAGDLSGRNLEAGQE MFCSGFQTCAREVLQYLAKHENTRDLKSSQLVTHLHRVSELLQGGASRKPLDSAPKAVDLKEKPSFLAK GSEGPGKNCVPVIQRTFAPSGGEQSGSDTDTDSGYGGELEKGDLRSEQPYFKSDHGRRFAVGERVSTIKQ ESEEPPTKKSRLSEEEGHFAGSDLMGSPFLGPHPHQPPFCLPFYLIPPSATAYLPMLEKCWYPTSPV LYPGLNTSAAALSSFMNPDKIPTPLLLPQRLPSPLAHSSLDSSALLQALKQIPPLNLETKD
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	45.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_035628</a>
Locus ID:	20893
UniProt ID:	<a href="#">Q35185</a> , <a href="#">Q542A5</a>



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RefSeq Size: 3113

Cytogenetics: 6 E2

RefSeq ORF: 1236

Synonyms: Bhlhb2; C130042M06Rik; Clast5; CR8; Dec1; Sharp2; Stra13; Stra14

**Summary:** This gene encodes a basic helix-loop-helix protein expressed in various tissues. The encoded protein can interact with Arntl or compete for E-box binding sites in the promoter of Per1 and repress Clock/Arntl's transactivation of Per1. This gene is believed to be involved in the control of circadian rhythm and cell differentiation. [provided by RefSeq, Feb 2014]