Recombinant Mouse Bhlhe40 Protein, Myc/DDK-tagged

Cat. No. Bhlhe40-1864M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length basic helix-loop-helix family, member e40 (Bhlhe40), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	45.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Bhlhe40 basic helix-loop-helix family, member e40 [Mus musculus (house mouse)]
Official Symbol	Bhlhe40
Synonyms	BHLHE40; basic helix-loop-helix family, member e40; class E basic helix-loop-helix protein 40; cytokine response gene 8; E47 interaction protein 1; eip1 (E47 interaction protein 1); class B basic helix-loop-helix protein 2; stimulated by retinoic acid gene 13 protein; basic helix-loop-helix domain containing, class B2; CR8; Dec1; Bhlhb2; Clast5; Sharp2; Stra13; Stra14; C130042M06Rik
Gene ID	20893
mRNA Refseq	NM_011498
Protein Refseq	NP_035628
UniProt ID	O35185

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