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Datasheet for ABIN1633930  
**BHLHE40 Protein (AA 1-412) (His tag)**

Overview

Quantity:	1 mg
Target:	BHLHE40
Protein Characteristics:	AA 1-412
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This BHLHE40 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MERIPSAQPP PACLPKAPGL EHGDLPGMYP AHMYQVYKSR RGIKRSSEDSK ETYKLPRLI EKKRRDRINE CIAQLKDLLP EHLKLTTLGH LEKAVVLELT LKHVKALTNL IDQQQKIIA LQSQLQAGEL SGRNVETGQE MFCSGFQTC A REV LQYLAKH ENTRDLKSSQ LVTHLHRVVS ELLQGGTSRK SSDPAPKVMD FKEKPSSPAK GSEGP GKNCV PVIQRTFAHS SGEQSGSDTD TDSGYGGESE KGDLRSEQLC FKSDHGRRFT MGERIGA I KQ ESEEPPTKKN RMQLSDDEGH FTSSDLISSP FLGPHPHQPP FCLPFYLIPP SATAYLPMLE KCWYPTSVPV LYPGLNASAA ALSSFMNPK ISAPLLMPQR LPSPLPAHPS VDSSVLLQAL KPIPLNLET KD
Specificity:	Pongo abelii (Sumatran orangutan)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

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Target:	BHLHE40
Alternative Name:	Class E basic helix-loop-helix protein 40 (BHLHE40) ( <a href="#">BHLHE40 Products</a> )
Background:	Recommended name: Class E basic helix-loop-helix protein 40. Short name= bHLHe40. Alternative name(s): Class B basic helix-loop-helix protein 2. Short name= bHLHb2
UniProt:	<a href="#">Q5RAI7</a>
Pathways:	<a href="#">Photoperiodism</a>

## Application Details

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Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.