



# Recombinant Human Basic helix-loop-helix ARNT-like protein 1 (BMAL1)

<b>Product Code</b>	CSB-EP002123HU
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O00327
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MADQRMDISS TISDFMSPGP TDLLSSSLGT SGVDCNRKRK GSSTDYQESM DTDKDDPHGR LEYTEHQGRI KNAREAHSQI EKRRRDKMNS FIDELASLVP TCNAMSRKLD KLTVLRMAVQ HMKTLRGATN PYTEANYKPT FLSDDDELKHL ILRAADGFLF VVGCDRGKIL FVSESVFKIL NYSQNDLIGQ SLFDYLHPKD IAKVKEQLSS SDTAPRERLI DAKTGLPVKT DITPGPSRLC SGARRSFFCR MKCNRPSVKV EDKDFPSTCS KKKADRKSFC TIHSTGYLKS WPPTKMGLDE DNEPDNEGCL LSCLVAIGRL HSHVVPQPVN GEIRVKSMEY VSRHAIDGKF VFVDQRATAI LAYLPQELLG TSCYEYFHQD DIGHLAECHR QVLQTREKIT TNCYKFKIKD GSFITLRSRW FFMNPWTKE VEYIVSTNTV VLANVLEGGD PTFPQLTASP HSMDSMLPSG EGGPKRTHPT VPGIPGGTRA GAGKIGRMIA EEIMEIHRIR GSSPSSCGSS PLNITSTPPP DASSPGGKKI LNGGTPDIPS SGLLSGQAQE NPGYPYSDSS SILGENPHIG IDMIDNDQGS SSPSNDEAAM AVIMSLLEAD AGLGGPVDFS DLPWPL
<b>Source</b>	E.coli
<b>Target Names</b>	ARNTL
<b>Protein Names</b>	Recommended name: Aryl hydrocarbon receptor nuclear translocator-like protein 1 Alternative name(s): Basic-helix-loop-helix-PAS protein MOP3 Brain and muscle ARNT-like 1 Class E basic helix-loop-helix protein 5 Short name= bHLHe5
<b>Expression Region</b>	1-626
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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