



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

Product Code	CSB-EP002123HU-B
Storage	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.
Uniprot No.	O00327
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	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 DNEPDNEGCM 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
Source	E.coli
Target Names	ARNTL
Protein Names	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
Expression Region	1-626
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Reconstitution	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.

Shelf Life

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