

Cyclic AMP Response Element Recombinant Protein | CREB recombinant protein

Recombinant Cyclic AMP Response Element Binding Protein (CREB)

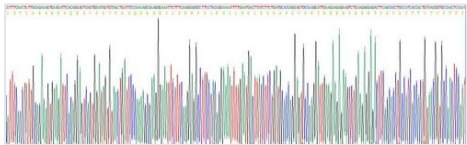
CATALOG # AAA144302	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

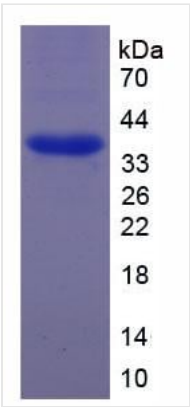
Cyclic AMP Response Element; Recombinant Cyclic AMP Response Element Binding Protein (CREB); CREB recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	6.7 (varies by lot)
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-I STIAESDSQ ESVDSVTDSQ KRREILSRRP SYRKILNDLS SDAPGVPRIE EEKSEETSA PAITTVTVPT PIYQTSSGQY IAITQGGAIQ LANNGTDGVQ GLQTLTMTNA AATQPGTTL QYAQTDDGQQ ILVPSNQVVV QAASGDVQTY QIRTAPTSTI APGVVMASSP ALPTQPAEEA ARKREVRLMK NREAARECRR KKKEYVKCLE NRVAVLENQN KTLIEELKAL KDLYCHKSD
Applicable Applications for CREB recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	30.0kDa
Accurate Molecular Mass (KD)	36kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Homo sapiens (Human)
Fragment	Ile15~Ala142
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Application Data



SDS-PAGE

ISTIAEED	SQESVDSVTD	SQKRREILSR	RPSYRKILND	LSSDAPGVPR
IEEEKSEET	SAPAITTVTV	PTPIYQTSSG	QYIAITQGA	IQLANNGTDG
VQGLQTLMT	NAAATQPGTT	ILQYAQTDDG	QQILVPSNQV	VVQAASGDVQ
TYQIRTAPTS	TIAPGVVMA	SPALPTQPAE	EARKREVRL	MKNREAAREC
RRKKKEVVKC	LENRVAVLEN	QNKTLIEELK	ALKDLYCHKS	D

Sequence

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cyclic-amp-response-element-recombinant-protein-host-e-coli-br-source-prokaryotic-expression-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144302>