

Recombinant Human CREB1, His-tagged

Cat. No. CREB1-183H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CREB1 protein(NP_001307722.1)(Ile102~Asp341), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile102~Asp341
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	36kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
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Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
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GENE INFORMATION

Gene Name	CREB1 cAMP responsive element binding protein 1 [Homo sapiens (human)]
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Official Symbol	CREB1
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Synonyms	CREB; CREB-1
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Gene ID	1385
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mRNA Refseq	NM_001320793.2
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Protein Refseq	NP_001307722.1
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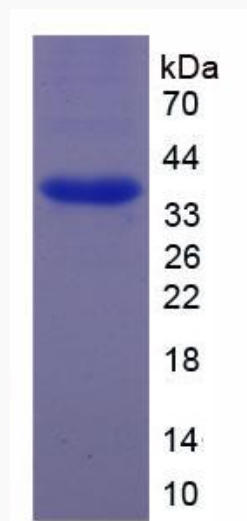
MIM	123810
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UniProt ID	P16220
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SDS-PAGE

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