

## Recombinant Human CREB3L4, GST-tagged

Cat. No. CREB3L4-11563H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human CREB3L4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 1-171a.a.

**Description** This gene encodes a CREB (cAMP responsive element binding) protein with a transmembrane domain which localizes it to the ER membrane. The encoded protein is a transcriptional activator which contains a dimerization domain, and this protein may function in a number of processing pathways including protein processing. Multiple transcript variants encoding different isoforms have been found for this gene.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

**Gene Name** CREB3L4 cAMP responsive element binding protein 3-like 4 [ Homo sapiens ]

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<b>Official Symbol</b>	CREB3L4
<b>Synonyms</b>	CREB3L4; cAMP responsive element binding protein 3-like 4; cyclic AMP-responsive element-binding protein 3-like protein 4; AlbZIP; ATCE1; CREB3; CREB4; hJAL; CREB-4; tisp40; attaching to CRE-like 1; cAMP responsive element binding protein 1; cAMP-responsive element-binding protein 4; androgen-induced basic leucine zipper protein; cyclic AMP-responsive element-binding protein 4; transcript induced in spermiogenesis protein 40; cAMP-responsive element-binding protein 3-like protein 4; JAL; AIBZIP;
<b>Gene ID</b>	148327
<b>mRNA Refseq</b>	NM_001255978
<b>Protein Refseq</b>	NP_001242907
<b>MIM</b>	607138
<b>UniProt ID</b>	Q8TEY5
<b>Chromosome Location</b>	1q21.2
<b>Pathway</b>	Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Cholinergic synapse, organism-specific biosystem; Cocaine addiction, organism-specific biosystem; Cocaine addiction, conserved biosystem; Dopaminergic synapse, organism-specific biosystem; Dopaminergic synapse, conserved biosystem;
<b>Function</b>	protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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