

Recombinant Human CREB3L2, GST-tagged

Cat. No. CREB3L2-11561H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human CREB3L2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-247a.a. |
| Description | This gene encodes a member of the oasis bZIP transcription factor family. Members of this family can dimerize but form homodimers only. The encoded protein is a transcriptional activator. Translocations between this gene on chromosome 7 and the gene fused in sarcoma on chromosome 16 can be found in some tumors. 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 ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

GENE INFORMATION

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| Gene Name | CREB3L2 cAMP responsive element binding protein 3-like 2 [Homo sapiens] |
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| Official Symbol | CREB3L2 |
| Synonyms | CREB3L2; cAMP responsive element binding protein 3-like 2; cyclic AMP-responsive element-binding protein 3-like protein 2; BBF2H7; TCAG_1951439; FUS/BBF2H7 protein; B-ZIB transcription factor; basic transcription factor 2; BBF2 human homolog on chromosome 7; cAMP-responsive element-binding protein 3-like protein 2; MGC71006; MGC131709; |
| Gene ID | 64764 |
| mRNA Refseq | NM_001253775 |
| Protein Refseq | NP_001240704 |
| MIM | 608834 |
| UniProt ID | Q70SY1 |
| Chromosome Location | 7q34 |
| Pathway | 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; |
| Function | cAMP response element binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding; |

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