

# Recombinant Full Length Human CREB3L4 Protein, GST-tagged

**Cat. No.** CREB3L4-2281HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CREB3L4 full-length ORF ( NP_570968.1, 1 a.a. - 395 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 395 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | 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. [provided by RefSeq, Dec 2011] |
| <b>Molecular Mass</b>   | 69.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MDLGIPDLLDAWLEPPEDIFSTGSVLELGLHCPPPEVPVTRLQEQLQGWKSGGDR<br>GCGLQESEPEDFLKLFIDPNEVYCSEASPGSDSGISEDPCHPDSPPAPRATSSPMLY<br>EVVYEAGALERMQGETGPNVGLISIQLDQWSPA FMVPDSCMVSELPFDAHAHILPR<br>AGTVAPVPCTLLPCQTLFLTDEEKRLLGQEGVSLPSHLPLTKAEERVLKKVRRKIRN<br>KQSAQDSRRRKKEYIDGLESRVAACSAQNQELQKKVQELERHNISLVAQLRQLQTLI<br>AQTSNKAAQTSTCVLILLFSLALIILPSFSPFQSRPEAGSEDYQPHGVTSRNILTHKDV                                                                           |

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TENLETQVVESRLREPPGAKDANGSTRTLLEKMGGKPRPSGRIRSVLHADEM

**Applications**

Enzyme-linked Immunoabsorbent Assay  
Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

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

**Official Symbol**

CREB3L4

**Synonyms**

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

**Gene ID**

148327

**mRNA Refseq**

NM\_001255978

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| Protein Refseq | NP_001242907 |
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| MIM | 607138 |
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| UniProt ID | Q8TEY5 |
|------------|--------|

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