

Recombinant Human CREB3L1 Protein, His-tagged

Cat. No. CREB3L1-470H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant human CREB3L1 (Q96BA8-1) (Glu396-Ser519) was expressed with a polyhistidine tag at the C-terminus. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | 396-519 a.a. |
| Predicted N Terminal | Glu 396 |
| Form | Lyophilized from sterile PBS, PH 7.4, 5%~8% trehalose and mannitol. |
| Molecular Mass | The recombinant human CREB3L1 consists of 135 amino acids and predicts a molecular mass of 15.2 KDa. It migrates as an approximately 21-31 KDa band in SDS-PAGE under reducing conditions. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Purity | >95 % as determined by SDS-PAGE. |
| Stability | Samples are stable for up to twelve months from date of receipt at -70°C. |
| Storage | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [CREB3L1 cAMP responsive element binding protein 3-like 1 \[Homo sapiens \]](#)

Official Symbol [CREB3L1](#)

Synonyms CREB3L1; cAMP responsive element binding protein 3-like 1; cyclic AMP-responsive element-binding protein 3-like protein 1; BBF 2 homolog (drosophila); OASIS; BBF-2 homolog; old astrocyte specifically induced substance; old astrocyte specifically-induced substance; cAMP-responsive element-binding protein 3-like protein 1;

Gene ID [90993](#)

mRNA Refseq [NM_052854](#)

Protein Refseq [NP_443086](#)

MIM

UniProt ID [Q96BA8](#)

Chromosome Location 11q11

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;

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