

# Product Information

## MemDX™ Membrane Protein Human CREB3L1 (cAMP responsive element binding protein 3 like 1) Full Length

Cat. No.: **MPC2921K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human CREB3L1 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

CREB3L1

#### Protein Length

Full length

#### Protein Class

Receptor

#### TMD

1

#### Sequence

MDAVLEPFPADRLFPGSSFLDLGDLNESDFLNNAHFPEHLDHFTENMEDF  
SNDLFSSFFDDPVLDEKSPLLDMELDSPTPGIAEHSYSLSGDSAPQSPL  
VPIKMEDTTQDAEHGAWALGHKLCSIMVKQEQLPELVNQFLKVTPED  
AAMATTPLLGLSPLSRPPIHQAPGEMTQLPVIKAEPLVNPQLKVTPE  
LVQMPPTPPSSHGSDSDGSQSPRSLPPSSPVRPMARSSTAISTSPLLTAP  
HKLQGTSGPLLLTEEEKRTLIAEGYPIPTKLPLTKAEEKALKRVRRKIKN  
KISAQESRRKKKEYVECLEKKVETFTSENNELWKKVETLENANRTLLQQL  
QKLQTLVTNKISRYPYKMAATQTGTCLMVAALCFVLVLGSLVPCLPEFSSG  
SQTVKEDPLAADGVYTASQMPSRSLFYDDGAGLWEDGRSTLLPMEPPDG  
WEINPGGPAAEQRPDRHLQHDHLDSTHETTKYLSEAWPKDGGNGTSPDFSH  
SKEWFHDRDLGPNTTIKLS

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

**Protein Format**

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

CREB3L1

**Full Name**

cAMP responsive element binding protein 3 like 1

**Introduction**

The protein encoded by this gene is normally found in the membrane of the endoplasmic reticulum (ER). However, upon stress to the ER, the encoded protein is cleaved and the released cytoplasmic transcription factor domain translocates to the nucleus. There it activates the transcription of target genes by binding to box-B elements.

**Alternative Names**

CREB3L1; OI16; OASIS; cyclic AMP-responsive element-binding protein 3-like protein 1; BBF-2 homolog; cAMP-responsive element-binding protein 3-like protein 1; old astrocyte specifically-induced substance; cAMP responsive element binding protein 3 like 1

**Gene ID**

[90993](#)

**UniProt ID**

[Q96BA8](#)