

Product Information

MemDX™ Membrane Protein Human CREB3L3 (cAMP responsive element binding protein 3 like 3) Full Length

Cat. No.: **MPC3487K**

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

This product is a made-to-order Human CREB3L3 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

CREB3L3

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MNTDLAAGKMASAACSMIDPIDSFELLDLLFDRQDGILRHVELGEGWGHVK
DQQVLPNPDSDDFLSSILGSGDSLPSPLWSPEGSDSGISEDLPSPDQDT
PPRSGPATSPAGCHPAQPGKGPCLSYHPGNSCSTTTGPGVIQVPEASVTI
DLEMWSPGGRICAIEPADPVDLSPRCNLTVKDLLLLSGSSGDLQQHHLGAS
YLLRPGAGHCQELVLTEDEKLLAKEGITLPTQLPLTKYEERVLKKIRRK
IRNKQSAQESRKKKKKEYIDGLETRMSACTAQNQELQRKVLHLEKQNLSSL
EQLKKLQAIIVVQSTSKSAQTGTCVAVLLLSFALIILPSISPFPGPNKTESP
GDFAPVRVFSRTLHNDAAASRVAADAVPGSEAPGPRPEADTTREESPGSPG
ADWGFQDTANLTNSTEELDNATLVLRNATEGLGQVALLDWVAPGPSTGSG
RAGLEAAGDEL

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**

CREB3L3

Full Name

cAMP responsive element binding protein 3 like 3

Introduction

This gene encodes a member of the basic-leucine zipper family and the AMP-dependent transcription factor family. The encoded protein is localized to the endoplasmic reticulum and acts as a transcription factor activated by cyclic AMP stimulation. The encoded protein binds the cyclic AMP response element (CRE) and the box-B element and has been linked to acute inflammatory response, hepatocellular carcinoma, triglyceride metabolism, and hepcidin expression. Alternative splicing results in multiple transcript variants.

Alternative Names

CREB3L3; CREBH; HYTG2; CREB-H; HYST1481; cyclic AMP-responsive element-binding protein 3-like protein 3; CREB/ATF family transcription factor; cAMP-responsive element-binding protein, hepatic-specific; cAMP responsive element binding protein 3 like 3

Gene ID

[84699](#)

UniProt ID

[Q68CJ9](#)