

Datasheet for ABIN7559262

## CREBRF Protein (AA 1-640) (His tag)



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### Overview

Quantity:	1 mg
Target:	CREBRF
Protein Characteristics:	AA 1-640
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CREBRF protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Crebrf Protein expressed in mammalian cells.
Sequence:	<p>MPQPSVSGMD PPFGDAFRSH TFSEQTL MST DLLANSSDPD FMYELDREMN YQQNPRDNFL</p> <p>SLEDCKDIEN LETFTDVLN EDALTSNWEQ WDTYCEDLT YTKLTSCDIW GTKEVDYLG</p> <p>DDFSSPYQDE EVISKPTLA QLNSDSQSV SDSLYPDSL FSVKQNPLPP SSFPSKKITN</p> <p>RAAAPVCSSK TLQAEVPSSD CVQKASKPTS STQIMVKTNM YHNEKVN FHV ECKDYVKKAK</p> <p>VKINPVQQGR PLLSQVHIDA AKENTCYCGA VAKRQERRGV EPHQGRGTPA LPFKETQELL</p> <p>LSPLTQDSPG LVATAESGSL SASTSVSDSS QKKEEHNYSL FVSDNMREQP TKYSPEDDED</p> <p>DEDEFDDH DEGFGSEHEL SENEEDDDDD EDYEDDRDDD ISDTFSEPGY ENDSVEDLKE</p> <p>MTSISRKRK KRRYFWEYSE QLTPSQQER LRPSEWNRDT LPSNMYQKNG LHHGKYAVKK</p> <p>SRRTDVEDLT PNPCKLLQIG NELRKLNKVI SDLTPVSELP LTARPRSRKE KNKLASRACR</p> <p>LKKKAQYEAN KVKLWGLNTE YDNLLFVINS IKQDIVNRVQ NPREEREPSM GQKLEILIKD</p> <p>TLGLPVAGQT SEFVNQVLGK TAEGNPTGGL VGLRIPASKV <b>Sequence without tag. The</b></p>

**proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

### Grade:

custom-made

## Target Details

### Target:

CREBRF

### Alternative Name:

Crebrf ([CREBRF Products](#))

### Background:

CREB3 regulatory factor (Luman recruitment factor) (LRF),FUNCTION: Acts as a negative regulator of the endoplasmic reticulum stress response or unfolded protein response (UPR). Represses the transcriptional activity of CREB3 during the UPR. Recruits CREB3 into nuclear foci (By similarity). {ECO:0000250}.

### Molecular Weight:

72.6 kDa

### UniProt:

[Q8CDG5](#)

### Pathways:

[Unfolded Protein Response](#)

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months