

CREBZF Protein, Mouse, Recombinant (His)

General Information

Synonyms:	Host cell factor-binding transcription factor Zhangfei (HCF-binding transcription factor Zhangfei); CREB/ATF bZIP transcription factor; Crebzf; Tyrosine kinase-associated leucine zipper protein LAZip; Zf
Protein Construction:	1-358 aa
Species:	Mouse
Expression Host:	Baculovirus Insect Cells
Accession:	Q91ZR3
Molecular Weight:	39.4 kDa (predicted)
AA Sequence:	MRHSLTKLLAASGRDFPSRRDSREPPATRAPPREPSGAAAGAETPRPGSPDREQPHGDGDGGEPEARSGSR GSVAVRAPAPSPLKMEEEEDAIAMVPKEEPEDMDFLSGLELADLLDPRQPDWHLEPGLSSPGPLSSSGGGS ESGGLLRGDDDDTAAAEMQRFSDLLQRLNIGIGGCSSGGDRGGGEKRRRKSPGAGGGGANDGNQAATKS PRKAAAAAARLNRLKKKEYVMGLESRVRLAAENQELRAENRELKRVQALQEESRYLRAVLANETGLARLL SRLSGVGLRLTSLFRDSPAGDHDYALPVGKQPPEPREEDDAAGGVCLHVDDKDKVSVFCACARKASSSLK M

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 85% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/ μ g of the protein as determined by the LAL method.
Formulation:	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 μ g/mL. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Strongly activates transcription when bound to HCFC1. Suppresses the expression of HSV proteins in cells infected with the virus in a HCFC1-dependent manner. Also suppresses the HCFC1-dependent transcriptional activation by CREB3 and reduces the amount of CREB3 in the cell. Able to down-regulate expression of some cellular genes in CREBZF-expressing cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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