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## Datasheet for ABIN2745629

### CBP Protein (His tag)

#### Overview

Quantity:	2 µg
Target:	CBP (CREBBP)
Origin:	Mouse
Source:	Insect cells (Sf21)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CBP protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Cross-Reactivity:	Mouse (Murine)
Characteristics:	Mouse full-length CREB-binding protein fused at the C-terminus to a His-tag.
Purity:	>95 % (SDS-PAGE)

#### Target Details

Target:	CBP (CREBBP)
Alternative Name:	CREB-Binding Protein ( <a href="#">CREBBP Products</a> )
Background:	CREB-binding protein acetylates histones, giving a specific tag for transcriptional activation. It also acetylates non-histone proteins, like NCOA3 and FOXO1. It binds specifically to phosphorylated CREB and enhances its transcriptional activity toward cAMP-responsive genes. Acts as a coactivator of ALX1 in the presence of EP300.

## Target Details

UniProt: [P45481](#)

Pathways: [TCR Signaling](#), [Interferon-gamma Pathway](#), [Stem Cell Maintenance](#), [Chromatin Binding](#),  
[Regulation of Lipid Metabolism by PPARalpha](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: ~50-100ng are required for standard HAT assay.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: In 50 mM TRIS-HCl, pH 7.5, containing 100 mM sodium chloride, 0.2 % NP-40, 50-100 mM imidazole and 10 % glycerol.

Storage: -20 °C, -80 °C

Storage Comment: Short Term Storage: -20°C  
Long Term Storage: -80°C  
Stable for at least 6 months after receipt when stored at -80°C.

Expiry Date: 6 months