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Datasheet for ABIN7505394

**ACTH Protein (AA 27-235) (His tag)**

## Overview

Quantity:	100 µg
Target:	ACTH
Protein Characteristics:	AA 27-235
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACTH protein is labelled with His tag.

## Product Details

Sequence:	Trp 27-Gln 235
Characteristics:	A DNA sequence encoding the Mouse ACTH protein (P01193) (Trp 27-Gln 235) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	ACTH
Alternative Name:	ACTH ( <a href="#">ACTH Products</a> )
Background:	Background: Adrenocorticotrophic hormone (ACTH)/corticotropin is a 39 amino acid peptide generated by cleavage of the POMC, a preprotein which also can also be cleaved to produce MSH, Beta-endorphin and Met-enkephalin, depending on tissue expression and context. ACTH Synonym: ACTH,Adrenocorticotropic

### Target Details

	hormone,Adrenocorticotropin,Pomc,Pomc1,POC,POMC,Pomc-1,Pomc1,Pmc2
Molecular Weight:	22.88 kDa
UniProt:	<a href="#">P01193</a>
Pathways:	<a href="#">Metabolism of Steroid Hormones and Vitamin D</a> , <a href="#">Peptide Hormone Metabolism</a> , <a href="#">Hormone Activity</a>

### Application Details

Restrictions:	For Research Use only
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### Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months