

Datasheet for ABIN5710595  
**UCP1 Protein (AA 2-307) (His-SUMO Tag)**



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1 Image

Overview

Quantity:	100 µg
Target:	UCP1
Protein Characteristics:	AA 2-307
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UCP1 protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	GGLTASDVHP TLGVQLFSAG IAACLADVIT FPLDTAKVRL QVQGECPSTSS VIRYKGVLTG ITAVVKTEGR MKLYSGLPAG LQRQISSASL RIGLYDTVQE FLTAGKETAP SLGSKILAGL TTGGVAVFIG QPTEVVKVRL QAQSHLHGK PRYTGTYNAY RIIATTEGLT GLWKGTTPNL MRSVIINCTE LVTYDLMKEA FVKNNILADD VPCHLVSALI AGFCATAMSS PVDVVKTRFI NSPPGQYKSV PNCAMKVFTN EGPTAFFKGL VPSFLRLGSW NVIMFVCFEQ LKRELSKSRQ TMDCAT
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	UCP1
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## Target Details

Alternative Name:	UCP1 ( <a href="#">UCP1 Products</a> )
Background:	UCP are mitochondrial transporter proteins that create proton leaks across the inner mitochondrial mbrane, thus uncoupling oxidative phosphorylation from ATP synthesis. As a result, energy is dissipated in the form of heat.
Molecular Weight:	48.9 kDa
UniProt:	<a href="#">P25874</a>
Pathways:	<a href="#">Proton Transport</a> , <a href="#">Brown Fat Cell Differentiation</a>

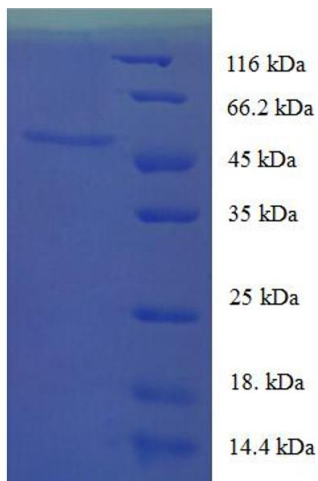
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Images



### SDS-PAGE

#### Image 1.