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Datasheet for ABIN7505336

**Patched 1 Protein (PTCH1) (AA 122-436) (His tag)**

## Overview

Quantity:	100 µg
Target:	Patched 1 (PTCH1)
Protein Characteristics:	AA 122-436
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Patched 1 protein is labelled with His tag.

## Product Details

Sequence:	Glu 122-Asp 436
Characteristics:	A DNA sequence encoding the Human PTCH1 protein (Q13635) (Glu 122-Asp 436) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	Patched 1 (PTCH1)
Alternative Name:	PTCH1 ( <a href="#">PTCH1 Products</a> )
Background:	Background: Acts as a receptor for sonic hedgehog (SHH), indian hedgehog (IHH) and desert hedgehog (DHH). Associates with the smoothened protein (SMO) to transduce the hedgehog's proteins signal. Seems to have a tumor suppressor function, as inactivation of this prot Synonym: Protein patched homolog 1,PTCH1,PTC, PTC1

### Target Details

Molecular Weight:	34.54 kDa
UniProt:	<a href="#">Q13635</a>
Pathways:	<a href="#">Hedgehog Signaling</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Tube Formation</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