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Datasheet for ABIN7413811  
**SMAD4 Protein (AA 9-231) (His tag)**

### Overview

Quantity:	100 µg
Target:	SMAD4
Protein Characteristics:	AA 9-231
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMAD4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Positive Control (PC), Immunogen (Imm)

### Product Details

Sequence:	Thr9-Ser231
Characteristics:	Recombinant Mothers Against Decapentaplegic Homolog 4 (Smad4), Prokaryotic expression, Thr9-Ser231, N-terminal His Tag
Purity:	> 90 %

### Target Details

Target:	SMAD4
Alternative Name:	Mothers Against Decapentaplegic Homolog 4 ( <a href="#">SMAD4 Products</a> )
Background:	DPC4, JIP, MADH4, Deletion target in pancreatic carcinoma 4
Molecular Weight:	28kDa

## Target Details

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UniProt: [P97471](#)

Pathways: [Cell Division Cycle](#), [Chromatin Binding](#), [Autophagy](#)

## Application Details

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

Comment: Isoelectric Point:7.8

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: 100 mMNaHCO<sub>3</sub>, 500 mMNaCl, pH 8.3, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

Storage Comment: Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Expiry Date: 12 months