abcam

Product datasheet

# Recombinant Human SOX17 protein (Tagged) ab253177

1 图像

## 描述

| | |
|---|---|
| **产品名称** | 重组人SOX17蛋白(Tagged) |
| **纯度** | >= 80 % Purified via GST Tag.<br>Glutathione Sepharose |
| **表达系统** | Wheat germ |
| **Accession** | Q9H6I2 |
| **蛋白长度** | Full length protein |
| **无动物成分** | No |
| **性质** | Recombinant |
| **种属** | Human |
| **序列** | MSSPDAGYASDDQSQTQSALPAVMAGLGPCPWAESLSPIGDM<br>KVKGEAPA<br>NSGAPAGAAGRAKGESRIRRPMNAFMVWAKDERKRLAQQNPD<br>LHNAELSK<br>MLGKSWKALTLAEKRPFVEEAERLRVQHMQDHPNYKYRPRRR<br>KQVKRLKR<br>VEGGFLHGLAEPQAAALGPEGGRVAMDGLGLQFPEQGFPAGP<br>PLLPPHMG<br>GHYRDCQSLGAPPLDGYPLPTPDTSPLDGVDPDPAFFAAPMP<br>GDCPAAGT<br>YSYAQVSDYAGPPEPPAGPMHPRLGPEPAGPSIPGLLAPPSA<br>LHVYYGAM<br>GSPGAGGGRGFQMQPQHQHQHQHQHHPPGPGQPSPPPEALPC<br>RDGTDPSQ<br>PAELLGEVDRTEFEQYLHFVCKPEMGLPYQGHDSGVNLPDSH<br>GAISSVVS DASSAVYYCNYPDV |
| **预测分子量** | 72 kDa including tags |
| **氨基酸** | 1 to 414 |
| **标签** | GST tag N-Terminus |

## 技术指标

Our **Abpromise guarantee** covers the use of **ab253177** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|---|---|
| **应用** | SDS-PAGE |
| **形式** | Liquid |

## 制备和贮存

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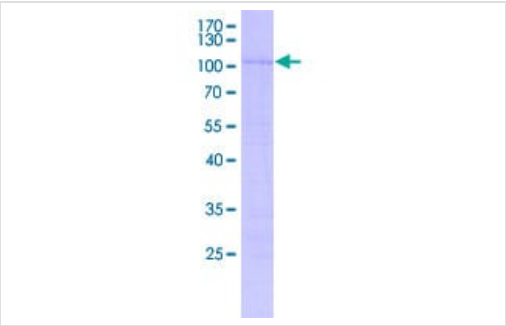
|---|---|
| **稳定性和存储** | Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.<br>Constituents: 0.79% Tris HCl, 0.31% Glutathione<br><br>(in elution buffer) |

## 常规信息

| | |
|---|---|
| **功能** | Acts as transcription regulator that binds target promoter DNA and bends the DNA. Binds to the sequences 5'-AACAAT-'3 or 5'-AACAAAG-3'. Modulates transcriptional regulation via WNT3A. Inhibits Wnt signaling. Promotes degradation of activated CTNNB1. Plays a key role in the regulation of embryonic development. Required for normal looping of the embryonic heart tube. Required for normal development of the definitive gut endoderm. Probable transcriptional activator in the premeiotic germ cells. |
| **组织特异性** | Expressed in adult heart, lung, spleen, testis, ovary, placenta, fetal lung, and kidney. In normal gastrointestinal tract, it is preferentially expressed in esophagus, stomach and small intestine than in colon and rectum. |
| **疾病相关** | Defects in SOX17 are the cause of vesicoureteral reflux type 3 (VUR3) [MIM:613674]. VUR3 is a disease belonging to the group of congenital anomalies of the kidney and urinary tract. It is characterized by the reflux of urine from the bladder into the ureters and sometimes into the kidneys, and is a risk factor for urinary tract infections. Primary disease results from a developmental defect of the ureterovesical junction. In combination with intrarenal reflux, the resulting inflammatory reaction may result in renal injury or scarring, also called reflux nephropathy. Extensive renal scarring impairs renal function and may predispose patients to hypertension, proteinuria, renal insufficiency and end-stage renal disease. |
| **序列相似性** | Contains 1 HMG box DNA-binding domain.<br>Contains 1 Sox C-terminal domain. |
| **细胞定位** | Nucleus. |

## 图片




SDS-PAGE - Recombinant Human SOX17 protein (Tagged) (ab253177)

12.5% SDS-PAGE - Recombinant Human SOX17 protein (Tagged) (ab253177).

Stained with Coomassie Blue.



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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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