abcam

Product datasheet

# Recombinant Human STAT5b protein ab173069

## 製品の詳細

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| **製品名** | Recombinant Human STAT5b protein |
| **精製度** | > 95 % SDS-PAGE.<br>ab173069 is greater than 95% pure, as determined by SEC-HPLC and reducing SDS-PAGE. It is supplied as an 0.2 µM filtered solution. |
| **エンドトキシン・レベル** | < 1.000 Eu/µg |
| **発現系** | Escherichia coli |
| **アクセッション番号** | P51692 |
| **タンパク質長** | Protein fragment |
| **Animal free** | No |
| **由来** | Recombinant |
| **生物種** | Human |
| **配列** | MAVWIQAQQLQGEALHQMQALYGQHFPIEVRHYLSQWIESQA<br>WDSVDLDN<br>PQENIKATQLLEGLVQELQKKAEHQVGEDGFLLKIKLGHYAT<br>QLQNTYDR<br>CPMELVRCIRHILYNEQRLVREANNGSSPAGSLADAMSQKHL<br>QINQTFEE<br>LRLVTQDTENELKKLQQTQEYFIIQYQESLRIQAQFGPLAQL<br>SPQERLSR<br>ETALQQKQVSLEAWLQREAQTLQQYRVELAEKHQKTLQLLRK<br>QQTIILDD<br>ELIQWKRRQQLAGNGGPPEGSLDVLQSWCEKLAEIIWQNRQQ<br>IRRAEHLC QQLPIPGPVEEMLAEVNATITLEHH HHHH |
| **予測される分子量** | 38 kDa including tags |
| **領域** | 1 to 321 |
| **タグ** | His tag C-Terminus |

## 特性

Our **Abpromise guarantee** covers the use of **ab173069** in the following tested applications.

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

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| **アプリケーション** | HPLC<br>SDS-PAGE |

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| **製品の状態** | Liquid |

## 前処理および保存

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| **保存方法および安定性** | Shipped on Dry Ice. Store at -20°C long term. Avoid freeze / thaw cycle.<br>pH: 7.40<br>Constituents: 0.02% DTT, 50% Glycerol (glycerin, glycerine), 49% PBS<br><br>Supplied as an 0.2 µM filtered solution. |

## 関連情報

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| **機能** | Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Binds to the GAS element and activates PRL-induced transcription. |
| **関連疾患** | Growth hormone insensitivity with immunodeficiency |
| **配列類似性** | Belongs to the transcription factor STAT family.<br>Contains 1 SH2 domain. |
| **翻訳後修飾** | Tyrosine phosphorylated in response to signaling via activated KIT, resulting in translocation to the nucleus. Tyrosine phosphorylated in response to signaling via activated FLT3; wild-type FLT3 results in much weaker phosphorylation than constitutively activated mutant FLT3. Alternatively, can be phosphorylated by JAK2. Phosphorylation at Tyr-699 by PTK6 or HCK leads to an increase of its transcriptional activity. Dephosphorylation on tyrosine residues by PTPN2 negatively regulates prolactin signaling pathway. |
| **細胞内局在** | Cytoplasm. Nucleus. Translocated into the nucleus in response to phosphorylation. |



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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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