

**STAT5A Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP20982c

**Specification**

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**STAT5A Blocking Peptide (C-term) - Product Information**

Primary Accession

[P42229](#)**STAT5A Blocking Peptide (C-term) - Additional Information****Gene ID** 6776**Other Names**

Signal transducer and activator of transcription 5A, STAT5A, STAT5

**Target/Specificity**

The synthetic peptide sequence is selected from aa 730-745 of HUMAN STAT5A

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**STAT5A Blocking Peptide (C-term) - Protein Information****Name** STAT5A**Synonyms** STAT5**Function**

Carries out a dual function: signal transduction and activation of transcription. Mediates cellular responses to the cytokine KITLG/SCF and other growth factors. Mediates cellular responses to ERBB4. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the GAS element and activates PRL- induced transcription. Regulates the expression of milk proteins during lactation.

**Cellular Location**

Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation

**STAT5A Blocking Peptide (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **STAT5A Blocking Peptide (C-term) - Images**

#### **STAT5A Blocking Peptide (C-term) - Background**

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#### **STAT5A Blocking Peptide (C-term) - References**

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Lin J.X.,et al.Submitted (DEC-1995) to the EMBL/GenBank/DDBJ databases.  
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Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Zody M.C.,et al.Nature 440:1045-1049(2006).