

STAT5A Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP20982c

Specification**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.

STAT5A Blocking Peptide (C-term) - Background

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.

STAT5A Blocking Peptide (C-term) - References

Hou J., et al. Immunity 2:321-329(1995).
Lin J.X., et al. Submitted (DEC-1995) to the EMBL/GenBank/DDBJ databases.
Tan D., et al. Submitted (APR-2006) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Zody M.C., et al. Nature 440:1045-1049(2006).

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](#)