

# Recombinant Human STAT5A

Catalog No: #GP10070



Package Size: #GP10070-1 100ug

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## Description

Product Name	Recombinant Human STAT5A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 472-794 amino acids of human Signal transducer and activator of transcription 5A
Target Name	Signal transducer and activator of transcription 5A
Other Names	MGF, STAT5
Accession No.	Swissprot:P42229Gene Accession:BC027036
Uniprot	P42229
GenID	6776;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different growth hormones. Activation of this protein in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for the tumorigenesis. The mouse counterpart of this gene is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of this gene in cells.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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