

# Recombinant Human IL6ST

Catalog No: #GP12698



Package Size: #GP12698-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human IL6ST
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 670-918 amino acids of human IL6ST
Target Name	interleukin 6 signal transducer
Other Names	CD130; GP130; CDW130; IL-6RB
Accession No.	Swissprot:P40189Gene Accession:BC117402
Uniprot	P40189
GeneID	3572;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The protein encoded by this gene is a signal transducer shared by many cytokines, including interleukin 6 (IL6), ciliary neurotrophic factor (CNTF), leukemia inhibitory factor (LIF), and oncostatin M (OSM). This protein functions as a part of the cytokine receptor complex. The activation of this protein is dependent upon the binding of cytokines to their receptors. vIL6, a protein related to IL6 and encoded by the Kaposi sarcoma-associated herpesvirus, can bypass the interleukin 6 receptor (IL6R) and directly activate this protein. Knockout studies in mice suggest that this gene plays a critical role in regulating myocyte apoptosis. Alternatively spliced transcript variants have been described. A related pseudogene has been identified on chromosome 17.

## 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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