

# Recombinant Human ANGPT1

Catalog No: #GP10161



Package Size: #GP10161-1 100ug

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

## Description

Product Name	Recombinant Human ANGPT1
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	angiopoietin 1
Other Names	AGP1; AGPT; ANG1
Accession No.	Swissprot:Q15389Gene Accession:BC029406
Uniprot	Q15389
GeneID	284;
Storage	-20~-80°C, pH 7.6 PBS

## Background

This gene encodes a secreted glycoprotein that belongs to the angiopoietin family. Members of this family play important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. The protein encoded by this gene is a secreted glycoprotein that activates the receptor by inducing its tyrosine phosphorylation. It plays a critical role in mediating reciprocal interactions between the endothelium and surrounding matrix and mesenchyme and inhibits endothelial permeability. The protein also contributes to blood vessel maturation and stability, and may be involved in early development of the heart. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

## 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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