

## ANGPT1 抗原（重组蛋白）

中文名称：ANGPT1 抗原（重组蛋白）

英文名称：ANGPT1 Antigen (Recombinant Protein)

别名：angiopoietin 1; AGP1; AGPT; ANG1

储存：冷冻（-20℃）

相关类别：抗原

概述

Full length fusion protein

技术规格

|                           |   |
|---------------------------|---|
| <b>Full name:</b>         | angiopoietin 1  |
| <b>Synonyms:</b>          | AGP1; AGPT; ANG1  |
| <b>Swissprot:</b>         | Q15389  |
| <b>Gene Accession:</b>    | BC029406  |
| <b>Purity:</b>            | >85%, as determined by Coomassie blue stained SDS-PAGE  |
| <b>Expression system:</b> | Escherichia coli  |
| <b>Tags:</b>              | His tag C-Terminus, GST tag N-Terminus  |
| <b>Background:</b>        | 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.