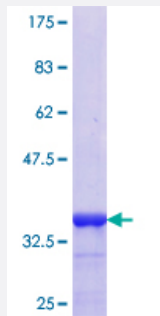


ANGPT1 (Human) Recombinant Protein (Q01)

Catalog # H00000284-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ANGPT1 partial ORF (NP_001137.2, 221 a.a. - 320 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GLVTRQTYIQELEKQLNRATTNNSVLQKQQLELMDTVHNLVNLCTKEGVLLKGGKREEEKPFRDC ADVYQAGFNKSGIYTYINNMPEPKKVFCNMDVN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ANGPT1

Entrez GeneID [284](#)

GeneBank Accession# [NM_001146](#)

Protein Accession# [NP_001137.2](#)

Gene Name ANGPT1

Gene Alias AGP1, AGPT, ANG1

Gene Description angiopoietin 1

Omim ID [601667](#)

Gene Ontology [Hyperlink](#)

Gene Summary Angiopoietins are proteins with 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. The protein also contributes to blood vessel maturation and stability, and may be involved in early development of the heart. [provided by RefSeq]

Other Designations -

Disease

- [Angina Pectoris](#)
- [Coronary Disease](#)

- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Liver Cirrhosis](#)
- [Myocardial Infarction](#)
- [Stroke](#)