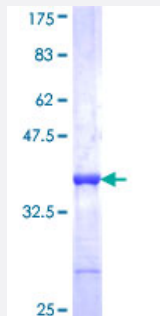


ANGPT4 (Human) Recombinant Protein (Q01)

Catalog # H00051378-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ANGPT4 partial ORF (NP_057069, 25 a.a. - 111 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TRQEADRGCE TLVVQHGHC SYTFLLPKSEPCPPGPEVSRDSNTLQRES LANPLHLGKLPTQQVK QLEQALQNNTQWLKKLERAIKTI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.31
Interspecies Antigen Sequence	Mouse (45); Rat (48)
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 — ANGPT4

Entrez GeneID [51378](#)

GeneBank Accession# [NM_015985](#)

Protein Accession# [NP_057069](#)

Gene Name ANGPT4

Gene Alias AGP4, ANG-3, ANG4, MGC138181, MGC138183

Gene Description angiopoietin 4

Omim ID [603705](#)

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 mechanism by which they contribute to angiogenesis is thought to involve regulation of endothelial cell interactions with supporting perivascular cells. The protein encoded by this gene functions as an agonist and is an angiopoietin. [provided by RefSeq]

Other Designations OTTHUMP00000029947|angiopoietin-3|dJ824F16.2 (angiopoietin 4)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neuroblastoma](#)