

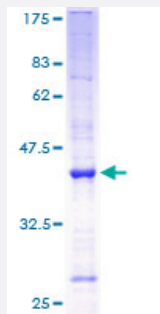
Full-Length

ANG (Human) Recombinant Protein (P01)

Catalog # H00000283-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ANG full-length ORF (AAH54880, 25 a.a. - 147 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QDNSRYTHFLTQHYDAKPQGRDDRYCESIMRRRGLTSPCKDINTFIHGKRSIKAICENKNGNPHRENLRISKSSFQVTTCKLHGGSPWPPCQYRATAGFRNVVVACENGLPVHLDQSIFRRP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	39.27
Interspecies Antigen Sequence	Mouse (78); Rat (74)
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 — ANG

Entrez GeneID	283
GeneBank Accession#	BC054880
Protein Accession#	AAH54880
Gene Name	ANG
Gene Alias	ALS9, HEL168, MGC22466, MGC71966, RNASE4, RNASE5
Gene Description	angiogenin, ribonuclease, RNase A family, 5
Omim ID	105400 105850
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an exceedingly potent mediator of new blood vessel formation. It hydrolyzes cellular tRNAs resulting in decreased protein synthesis and is similar to pancreatic ribonuclease. Alternative splicing results in two transcript variants encoding the same protein. This gene and the gene that encodes ribonuclease, RNase A family, 4 share promoters and 5' exons. Each gene splices to a unique downstream exon that contains its complete coding region. [provided by RefSeq]
Other Designations	OTTHUMP00000164020 OTTHUMP00000164021 epididymis luminal protein 168

Disease

- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)

- [Chorioamnionitis](#)
- [Disease Susceptibility](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)