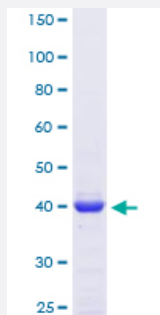


ANGPTL6 (Human) Recombinant Protein (Q01)

Catalog # H00083854-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ANGPTL6 partial ORF (NP_114123, 211 a.a. - 299 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GSTSDTSRMLDPAPEPQRDQTQRQQEPMASPMAGHPAVPTKPVGPWQDCAEARQAGHEQS GVYELRVGRHVSVWCEQQLEGGGWTVI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.53
Interspecies Antigen Sequence	Mouse (71); Rat (73)
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 — ANGPTL6

Entrez GeneID [83854](#)

GeneBank Accession# [NM_031917](#)

Protein Accession# [NP_114123](#)

Gene Name ANGPTL6

Gene Alias AGF, ARP5

Gene Description angiopoietin-like 6

Omim ID [609336](#)

Gene Ontology [Hyperlink](#)

Other Designations angiopoietin-related protein 5

Publication Reference

- [ANGPTL6 expression is coupled with mitochondrial OXPHOS function to regulate adipose FGF21.](#)

Kang SG, Yi HS, Choi MJ, Ryu MJ, Jung S, Chung HK, Chang JY, Kim YK, Lee SE, Kim HW, Choi H, Kim DS, Lee JH, Kim KS, Kim HJ, Lee CH, Oike Y, Shong M.

The Journal of Endocrinology 2017 Apr; 233(1):105.

Application: Func, Mouse, 3T3-L1 cells, brown adipocytes, hepatocytes

Disease

- [Metabolic Syndrome X](#)
- [Obesity](#)