

Recombinant Human ANGPTL1 protein, GST-tagged

Cat. No. ANGPTL1-553H Lot. No. (See product label)

SPECIFICATION

Product Overview Human ANGPTL1 full-length ORF (AAH50640, 24 a.a. - 491 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source Wheat Germ

Description Angiopoietins are members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. Angiopoietin-1, angiopoietin-2, and angiopoietin-4 participate in the formation of blood vessels. The protein encoded by this gene is another member of the angiopoietin family that is widely expressed in adult tissues with mRNA levels highest in highly vascularized tissues. This protein was found to be a secretory protein that does not act as an endothelial cell mitogen in vitro. [provided by RefSeq, Jul 2008]

Molecular Mass 77.22 kDa

AA Sequence

```
GQFKIKKINQRRYP RATDGKEEAKKCA Y TFLVPEQRITGPICVNTKGQDASTIKDMIT
RMDLENLKDVL SRQKREIDVLQLVVDVDGNIVNEVKLLR KESRNMNSRVTQLYMQLL
HEIIRKRDNSLELSQLENKILNVTTEMLKMATRYRELEVKYASLTDLVNNQSVMITLLE
EQCLRIFSRQDTHVSPPLVQVVPQHIPNSQQYTPGLLGNEIQRDPGYPRDLMPPP
DLATSPTKSPFKIPPVTFINEGPFKDCQQA KEAGHSVSGIYMIKPENSNGPMQLWCE
NSLDPGGWTVIQKRTDGSVNFFRNWENYKKGFGNIDGEYWLGLENIYMLSNDNY
KLLIELEDWSDKKVYAEYSSFRLEPESEFYRLRLGT YQGNAGDSMMWHNGKQFTTL
```

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DRDKDMYAGNCAHFHKGGWWYNACAHSNLNGVWYRGGHYRSKHQDGIFWAEYR
GGSYSLRAVQMMIKPID

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ANGPTL1 angiopoietin-like 1 [Homo sapiens]

Official Symbol

ANGPTL1

Synonyms

ANGPTL1; angiopoietin-like 1; ANGPT3; angiopoietin-related protein 1; ANG3;
angioarrestin; AngY; ARP1; ANG-3; angiopoietin 3; angiopoietin-3; angiopoietin Y1;
angiopoietin-like protein 1; dJ595C2.2 (angiopoietin Y1); UNQ162; dJ595C2.2;
KIAA0351;

Gene ID

9068

mRNA Refseq

NM_004673

Protein Refseq

NP_004664

MIM

603874

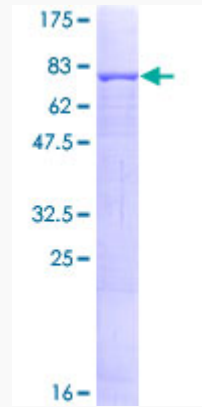
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UniProt ID

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