

Recombinant Full Length Human ANGPT2 Protein, GST-tagged

Cat. No. ANGPT2-1034HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANGPT2 full-length ORF (BAG35440.1, 1 a.a. - 496 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	496 amino acids
Description	The protein encoded by this gene is an antagonist of angiotensin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	80.96 kDa
AA Sequence	MWQIVFFTLS CDLVLAAAYN NFRKSMDSIG KKQYVQHGHS CSYTFLLPEM DNCRSSSSPY VSNVQRDAP LEYDDSVQRL QVLENIMENN TQWLMKLENY IQDNMKKEMV EIQQNAVQNQ TAVMIEIGTN LLNQTAEQTR KLTDVEAQVL NQTTRELELQL LEHSLSTNKL GKQILDQTSE INKFQDKNSF LEKKVLAMED KHIIQLQSIK EEKQQLQVLV SKQNSIIEEL EKKIVTATVN NSVLQKQQHD LMETVNNLLT MMSTSNSAKD PTVAKEEQIS FRDCAEVFKS GHTTNGIYTL TFPNSTEEIK AYCDMEAGGG GWTIIQRRED GSVDFQRTWK EYKVGFGNPS GEYWLGNEFV SQLTNQQRVY LKIHDKDWEW NEAYSLYEHF YLSSEELNYR

 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

IHLKGLTGTA GKISSISQPG NDFSTKDGDN DKCICKCSQM LTGGWWFDAC
GPSNLNGMY Y PQRQNTNKF N GIKWYYWKGS GYSLKATTMM IRPADF

Applications

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

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

[ANGPT2](#) [angiopietin 2 \[Homo sapiens \]](#)

Official Symbol

[ANGPT2](#)

Synonyms

ANGPT2; angiopietin 2; angiopietin-2; Ang2; ANG-2; Tie2-ligand; angiopietin-2B;
angiopietin-2a; ANG2; AGPT2

Gene ID

[285](#)

mRNA Refseq

[NM_001118887](#)

Protein Refseq

[NP_001112359](#)

MIM

[601922](#)

UniProt ID

[O15123](#)

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