

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 angiopoietin 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 KKQYQVQHGS CSYTFLLPEM DNCRSSSSPY VSNVQRDAP LEYDDSVQRL QVLENIMENN TQWLMKLENY IQDNMKKEMV EIQQNAVQNNQ TAVMIEIGTN LLNQTAEQTR KLTDVEAQVL NQTTRELEQL LEHSLSTNKL GKQILDQTSE INKFQDKNSF LEKKVLAMED KHIIQLQSIK EEKDQLQVLV SKQNSIIEEL EKKIVTATVN NSVLQKQQHD LMETVNNLLT MMSTSNSAKD PTVAKEEQIS FRDCAEVFKS GHTTNGIYTL TFPNSTEEIK AYCDMEAGGG GWTIIQRRED GSVDFQRTWK EYKVGFGNPS GEYWLGNFV SQLTNQORYV LKIHLDWEG NEAYSLYEHF YLSSEELNYR

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IHLKGLTGTA GKISSISQPG NDFSTKDGDN DKCICKCSQM LTGGWWFDAC
GPSNLNGMYYPQQRQNTNKFNGIKWYYWKGS 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 angiopoietin 2 [Homo sapiens]

Official Symbol

ANGPT2

Synonyms

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

Gene ID

285

mRNA Refseq

NM_001118887

Protein Refseq

NP_001112359

MIM

601922

UniProt ID

O15123

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