

## Recombinant Human ANGPT2 Protein, His-tagged

Cat. No. ANGPT2-388H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ANGPT2, transcript variant 1, fused with His tag at N-terminal was expressed in CHO cells.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>Description</b>	The protein encoded by this gene is an antagonist of angiotensin II (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.
<b>Form</b>	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
<b>Molecular Mass</b>	56.95 kDa
<b>AA Sequence</b>	DAPLEYDDSVQRLQVLENIMENNTQWLMKLENYIQDNMCKEMVEIQQNAVQNQTAV MIEIGTNLLNQTAEQTRKLTDEAQLNQTTRLELQLEHSLSTNKLEKQILDQTSEIN KLQDKNSFLEKKVLAMEDKHIIQLQSIKKEKDQLQVLVSKQNSIIIELEKKIVTATVNNS VLQKQQHDLMETVNNLLTMMSTSNKAKDPTVAKEEQISFRDCAEVFKSGHTTNGIY TLTFPNSTEEIKAYCDMEAGGGGWTTIQRREDGSDVFQRTWKEYKVGFGNPSGEY WLGNEFVSQLTNQQRVYVLIHLKDWEGNEAYSLEYHFYLSSEELNYRIHLKGLTGTA GKISSISQPGNDFSTKDGDNCKICKCSQMLTGGWWFDACGPSNLNGMYYPQRQN

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TNKFNGIKWYYWKGSYSLKATTMMIRPADFHSHHHHH

**Endotoxin** Endotoxin level is <0.1 ng/g of protein (<1EU/g).

**Purity** >95% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** Resuspend the protein in the desired concentration in proper 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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