

Recombinant Human ANGPT2 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ANGPT2, transcript variant 1, fused with His tag at N-terminal was expressed in CHO cells.
Species	Human
Source	CHO
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.
Form	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Molecular Mass	56.95 kDa
AA Sequence	DAPLEYDDSVQRLQVLENIMENNTQWLMKLENYIQDNMKKEMVEIQQNAVQNQTAV MIEIGTNLLNQTAEQTRKLTDEAQLNQTTRELEQLLEHSLSTNKLEKQILDQTSEIN KLQDKNSFLEKKVLAMEDKHIIQLQSIKEEKDQLQVLVSKQNSIIIELEKKIVTATVNNS VLQKQQHDLMETVNNLLTMMSTSNSAKDPTVAKEEQISFRDCAEVFKSGHTTNGIY TLTFPNSTEEIKAYCDMEAGGGGWTTIIQRREDGSVDFQRTWKEYKVGFGNPSGEY WLGNEFVSQLTNQQRVVLKIHLKDWEAGNEAYSLEYHFYLSSEELNYRIHLKGLTGTA GKISSISQPGNDFSTKDGDNCKICKCSQMLTGGWWFDACGPSNLNGMYYPQRQN

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TNKFNGIKWYYWKGSGLKATTMMIRPADFHSHHHHH

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 angiotensinogen 2 \[Homo sapiens \]](#)

Official Symbol [ANGPT2](#)

Synonyms ANGPT2; angiotensinogen 2; angiotensinogen-2; Ang2; ANG-2; Tie2-ligand; angiotensin-2B; angiotensin-2a; ANG2; AGPT2;

Gene ID [285](#)

mRNA Refseq [NM_001118887](#)

Protein Refseq [NP_001112359](#)

MIM [601922](#)

UniProt ID [O15123](#)

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