Recombinant Human Angiopoietin-2, His (HEK293-expressed)

Cat. No.:	HY-P7510
Synonyms:	rHuAngiopoietin-2, His; ANGPT2; ANG2; Angiopoietin-2
Species:	Human
Source:	HEK 293
Accession:	O15123
Gene ID:	285
Molecular Weight:	30-35 kDa

PROPERTIES

AA Sequence	K E E Q I S F R D C A E V F K S G H T T N G I Y T L T F P N S T E E I K A Y C D M E A G G G G W T I I Q R R E D G S V D F Q R T W K E Y K V G F G N P S G E Y W L G N E F V S Q L T N Q Q R Y V L K I H L K D W E G N E A Y S L Y E H F Y L S S E E L N Y R I H L K G L T G T A G K I S S I S Q P G N D F S T K D G D N D K C I C K C S Q M L T G G W W F D A C G P S N L N G M Y Y P Q R Q N T N K F N G I K W Y Y W K G S G Y S L K A T T M M I R P A D F H H H H H H
Biological Activity	Data is not available.
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against 20 mM MOPS, 150 mM NaCl, 10% CHAPS, pH 7.5.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	Reconstitute the lyophilized recombinant Human Angiopoietin-2, His (HEK293-expressed) (rHuAngiopoietin-2, His) to 100 μg/mL using ddH_2O or diluted with PBS.
Storage & Stability	Lyophilized recombinant Human Angiopoietin-2, His (HEK293-expressed) (rHuAngiopoietin-2, His) is stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Angiopoietins are peptides involved in embryonic vascular development. Of the four angiopoietins that have been identified, angiopoietin 1 and angiopoietin 2 (ANGPT1 and ANGPT2, respectively) are the best described. Angiopoietin 2, produced by endothelial cells, also binds to the Tie2 receptor and acts as an antagonistic factor

without activating the receptor.

REFERENCES

[1]. Angiopoietin 2.

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