

ANGPT2 (Human) Recombinant Protein

Catalog # P8406

Size 2 x 10 ug

Specification

Product Description	Human ANGPT2 (O15123, 19 a.a. - 496 a.a.) partial-length recombinant protein with His-tag at C-terminal expressed in CHO cell.
Amount	> 90% by SDS-PAGE
Sequence	YNNFRKSMDSIGKKQYQVQHGSCSYTFLLPEMDNCRSSSSPYVSNVQVRDAPLEYDDSVQRLQ VLENIMENNTQWLMKLENYIQDNMKKEMVEIQNAVQNQTAVMIEIGTNLLNQTAEQTRKLTDEA QVLNQTRLELQLEHSLSTNKLEKQILDQTSEINKLQDKNSFLEKKVLAMEDKHIIQLQSIKEEKDQ LQVLVSKQNSIIIELEKKIVTATVNNSVLQKQQHDLMETVNNLLTMMSTSNSAKDPTVAKEEQISFR DCAEVFKSGHTTNGIYTLTFPNSTEEIKAYCDMEAGGGGWTIQRREDGSVDFQRTWKEYKVGFG NPSGEYWLGNFVSQLTNQQRVYVKIHLKDWEGNEAYSLYEHFYLSEELNYRIHLKGLTGTAGKI SSISQPGNDFSTKGDNDKCICKCSQMLTGGWWFDACGPSNLNGMYYPQRQNTNKFNGIKWYY WKGSGYSLKATTMMIRPADFHHHHHH
Host	Human
Theoretical MW (kDa)	55.7
Form	Liquid
Preparation Method	CHO cell expression system
Storage Buffer	Phosphate buffered saline (pH7.4) and 10% glycerol.
Storage Instruction	Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Applications

- SDS-PAGE

Gene Info — ANGPT2

Entrez GeneID	285
Protein Accession#	O15123
Gene Name	ANGPT2
Gene Alias	AGPT2, ANG2
Gene Description	angiopoietin 2
Omim ID	601922
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an antagonist of angiopoietin 1 (ANGPT1) and endothelial T EK 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]
Other Designations	Tie2-ligand angiopoietin-2 angiopoietin-2B angiopoietin-2a

Disease

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- [Chorioamnionitis](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Fetal Death](#)
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