

Recombinant Human Ang-2

Cat. No. Ang-2-3456H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Angiopoietin-2 / Ang-2
Species	Human
Source	CHO
ProteinLength	655
Description	This gene is a member of the aggrecan/versican proteoglycan family. The protein encoded is a large chondroitin sulfate proteoglycan and is a major component of the extracellular matrix. This protein is involved in cell adhesion, proliferation, proliferation, migration and angiogenesis and plays a central role in tissue morphogenesis and maintenance. Mutations in this gene are the cause of Wagner syndrome type 1. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Lyophilized
Molecular Mass	372,820 Da
Purity	>95% by SDS-PAGE & HPLC analyses
Notes	Small volumes of Ang-2 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s

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cap. Certain products may require to ship with dry ice.

Warning

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name	ANGPT2 angiopoietin 2 [Homo sapiens]
Official Symbol	ANGPT2
Synonyms	ANG2; AGPT2; angiopoietin-2; ANG-2; Tie2-ligand; angiopoietin-2B; angiopoietin-2a
Gene ID	1462
mRNA Refseq	NM_001118887
Protein Refseq	NP_001112359
MIM	601922
UniProt ID	Q15123
Chromosome Location	8p23.1
Pathway	Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Rap1 signaling pathway, organism-specific biosystem
Function	metal ion binding; receptor binding

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