PRODUCT INFORMATION

Target	ANGPT2
Synonyms	ANGPT2;GPT2;NG2;ngiopoietin-2
Description	Recombinant human ANGPT2 protein with C-terminal human Fc tag
Delivery	Under development
Uniprot ID	O15123
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	ANGPT2(Lys275-Phe496) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 49.94 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene is an antagonist of angiopoietin 1 (Ang-1), and both (Ang-1 and Ang-2) are ligands for the endothelial tyrosine kinase receptor (Tie2). These two ligands affect angiogenesis during embryogenesis and tumorigenesis. The encoded protein disrupts the vascular remodeling ability of Ang-1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene.
Usage	Research use only
Conjugate	Unconjugated

DIMA BIO CONFIDENTIAL

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com