

Datasheet for ABIN667576

Angiopoietin 1 Protein (ANGPT1) (AA 20-498)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Angiopoietin 1 (ANGPT1)
Protein Characteristics:	AA 20-498
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	ANGPT1, 20-498 aa, Human, E.coli
Purity:	> 85 % by SDS - PAGE

Target Details

Target:	Angiopoietin 1 (ANGPT1)
Alternative Name:	ANGPT1 (ANGPT1 Products)

Background: Human ANGPT1 is a secreted ligand for Tie-2, a cell surface receptor tyrosine kinase expressed in endothelial and hemopoietic cells. This protein is glycosylated and has a fibrinogen-like domain at the carboxy terminus and coiled-coil regions in the amino terminus. ANGPT1 is an angiogenic factor that mediates blood vessel maturation and may be involved in endothelial development. Recombinant human ANGPT1 protein was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Angiopoietin 1, AGP1, AGPT,

Target Details

ANG1. NCBI no.: NP_001137

Molecular Weight: 55.6 kDa (480aa)

Pathways: [RTK Signaling](#), [Glycosaminoglycan Metabolic Process](#)

Application Details

Restrictions: For Research Use only

Handling

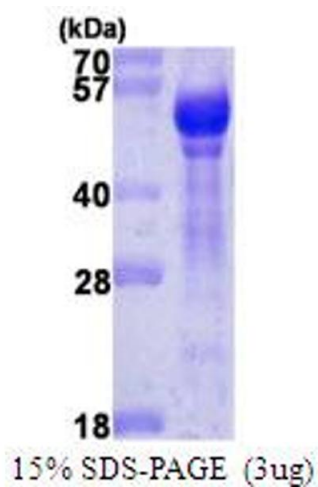
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) 1M Urea, 5% Glycerol.

Storage: 4 °C

Images



SDS-PAGE

Image 1.