Recombinant Rat Angpt1 protein, His-tagged

Cat. No. Angpt1-529R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Angpt1 (O35460) aa. (Asn304~Ala450) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asn304~Ala450
Description	Modulates endothelial cell survival and involved in the activation of endothelial cell-specific Tie-2 receptors.
Form	Freeze-dried powder
Molecular Mass	18kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive Labeling.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Angpt1 angiopoietin 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Angpt1
Synonyms	Angpt1; angiopoietin 1; Agpt; Agpt1; Ang-1; angiopoietin-1
Gene ID	89807
mRNA Refseq	NM_053546.1
Protein Refseq	NP_445998.1
UniProt ID	O35460

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