

Recombinant Mouse Angpt1 Protein, His-tagged

Cat. No. Angpt1-857M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Angpt1 (NP_033770.2) (Arg277-Phe498) was expressed with a polyhistidine tag at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	277-498 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse Angpt1 consists 241 amino acids and predicts a molecular mass of 28 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 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

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Angpt1 angiopoietin 1 \[Mus musculus \]](#)

Official Symbol [Angpt1](#)

Synonyms ANGPT1; angiopoietin 1; angiopoietin-1; Ang1; Ang-1; 1110046O21Rik;

Gene ID [11600](#)

mRNA Refseq [NM_009640](#)

Protein Refseq [NP_033770](#)

MIM

UniProt ID

Pathway Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; Rheumatoid arthritis, organism-specific biosystem; Rheumatoid arthritis, conserved biosystem; Tie2 Signaling, organism-specific biosystem

Function receptor binding; receptor tyrosine kinase binding; vascular endothelial growth factor receptor binding;

 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