Recombinant Human ANGPT4 protein, His & GST-tagged

Cat. No. ANGPT4-750H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANGPT4 aa. (Tyr305~Ile503 (Accession # Q9Y264)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Tyr305~Ile503
Description	Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. The mechanism by which they contribute to angiogenesis is thought to involve regulation of endothelial cell interactions with supporting perivascular cells. The protein encoded by this gene functions as an agonist and is an angiopoietin.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 54.9kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.7.

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Applications	SDS-PAGE; WB; ELISA; IP.
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.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	ANGPT4 angiopoietin 4 [Homo sapiens (human)]
Official Symbol	ANGPT4
Synonyms	ANG3; ANG4; angiopoietin-4
Gene ID	51378
mRNA Refseq	NM_001322809.1
Protein Refseq	NP_001309738.1
UniProt ID	Q9Y264

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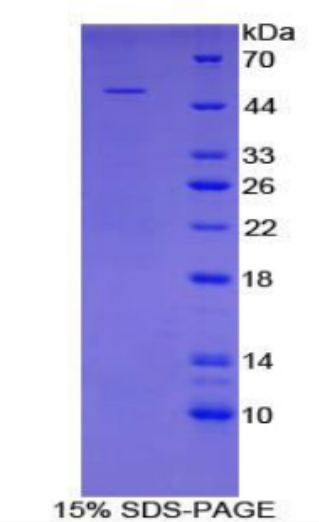
SDS-PAGE	

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