

Recombinant Human ANGPTL2 protein, His-tagged

Cat. No. ANGPTL2-1972H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANGPTL2 aa. (Ser267~His493) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ser267~His493
Description	Angiopoietins are members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. Angiopoietin-1, angiopoietin-2, and angiopoietin-4 participate in the formation of blood vessels. ANGPTL2 protein is a secreted glycoprotein with homology to the angiopoietins and may exert a function on endothelial cells through autocrine or paracrine action.
Form	Freeze-dried powder
Molecular Mass	28kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 98%
Characteristic	The isoelectric point is 7.3.

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Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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	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	ANGPTL2 angiopoietin like 2 [Homo sapiens (human)]
Official Symbol	ANGPTL2
Synonyms	CYP26A1; cytochrome P450 family 26 subfamily A member 1; CP26; CYP26; P450RAI; P450RAI1; cytochrome P450 26A1; P450, retinoic acid-inactivating, 1; cytochrome P450 retinoic acid-inactivating 1; cytochrome P450, family 26, subfamily A, polypeptide 1; cytochrome P450, subfamily XXVIA, polypeptide 1; cytochrome P450RAI; hP450RAI; retinoic acid 4-hydroxylase; retinoic acid-metabolizing cytochrome
Gene ID	23452

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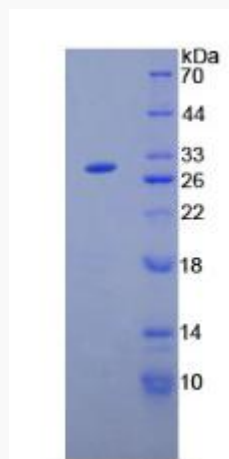
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mRNA Refseq NM_012098.2

Protein Refseq NP_036230.1

UniProt ID Q9UKU9



SDS-PAGE

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