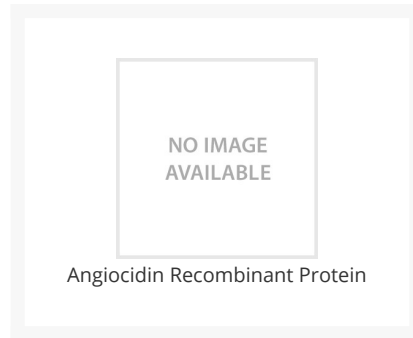




# Angiocidin Recombinant Protein

Cat. No.: 90-253



## Ψ Specifications

<b>SPECIES:</b>	Human
<b>SOURCE SPECIES:</b>	E. coli
<b>SEQUENCE:</b>	Human angiocidin (aa 2-377) is untagged.
<b>FUSION TAG:</b>	Tag Free
<b>TESTED APPLICATIONS:</b>	
<b>APPLICATIONS:</b>	This recombinant proteins is for research use only.

## Ψ Properties

<b>PURITY:</b>	>95% (SDS-PAGE). Endotoxin level is less than 0.1EU/ µg purified protein (LAL test; Lonza).
<b>PHYSICAL STATE:</b>	Lyophilized
<b>BUFFER:</b>	Contains PBS. Reconstitute with 100 µl sterile water.
<b>CONCENTRATION:</b>	0.1mg/ml after reconstitution.
<b>STORAGE CONDITIONS:</b>	Stable for at least 6 months after receipt when stored at -20 °C.

<b>OFFICIAL SYMBOL:</b>	PSMD4
<b>ALTERNATE NAMES:</b>	PSMD4, 26S Proteasome Regulatory Subunit S5A, Rpn10, Multiubiquitin Chain-binding Protein, Antisecretory Factor 1, 26S Proteasome Non-ATPase Regulatory Subunit 4
<b>ACCESSION NO.:</b>	P55036
<b>PROTEIN GI NO.:</b>	5292161
<b>GENE ID:</b>	5710

## Background and References

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<b>BACKGROUND:</b>	Angiocidin shows sequence similarity with proteasome components and is also being referred to as 26A proteasome regulatory subunit S5A. Angiocidin shows both matrix and cytoplasmic distribution. It binds to thrombospondin-1 and alpha2beta1 integrin, and it inhibits tumor progression and angiogenesis. Angiocidin is expressed in various types of cancer, such as hepatocellular carcinoma, prostate, lung, bladder, and melanoma cancers.
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