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Datasheet for ABIN1343997

PSMD4/ASF Protein (AA 2-377)

Overview

Quantity:	10 µg
Target:	PSMD4/ASF (Psm4)
Protein Characteristics:	AA 2-377
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Cross-Reactivity:	Human
Characteristics:	Human angiocidin (aa 2-377) is untagged.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.1EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	PSMD4/ASF (Psm4)
Alternative Name:	Angiocidin (Psm4 Products)
Background:	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

Target Details

	hepatocellular carcinoma, prostate, lung, bladder, and melanoma cancers.
Molecular Weight:	~50kDa (SDS-PAGE)
UniProt:	P55036
Pathways:	Mitotic G1-G1/S Phases , DNA Replication , Synthesis of DNA , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with 100 µL sterile water.
Concentration:	Lot specific
Buffer:	Lyophilized. Contains PBS.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 6 months after receipt when stored at -20°C.
Expiry Date:	6 months