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## Datasheet for ABIN7488965 PSCA Protein (Biotin,His-Avi Tag)



Overview	
Quantity:	100 µg
Target:	PSCA
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSCA protein is labelled with Biotin,His-Avi Tag.
Product Details	
Purpose:	Biotinylated Mouse PSCA Protein, His,Avitag™, low endotoxin (MALS verified)
Sequence:	Leu 21 - Asn 95
Characteristics:	Biotinylated Mouse PSCA, His,Avitag (PSA-M82Ea) is expressed from human 293 cells (HEK293). It contains AA Leu 21 - Asn 95 (Accession # P57096-1).
Purity:	90 %
Endotoxin Level:	0.01 EU per µg
Grade:	MALS verified
Target Details	
Target:	PSCA
Alternative Name:	PSCA (PSCA Products)
Background:	The Prostate stem cell antigen (PSCA) is a glycosylphosphatidylinositol (GPI)-anchored protein,

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Target De	etails
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	plays an important role in tumorigenesis. The prostate stem cell antigen (PSCA) gene, which
	encodes a prostate-specific antigen (PSA), was identified as a gene involved in cell adhesion
	and proliferation. PSCA may be involved in the regulation of cell proliferation. Has a cell-
	proliferation inhibition activity in vitro. May act as a modulator of nicotinic acetylcholine
	receptors (nAChRs) activity. In vitro inhibits nicotine-induced signaling probably implicating
	alpha-3:beta-2- or alpha-7-containing nAChRs.
Molecular Weight:	12.0 kDa
Application Details	
Comment:	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).
	(Biotin,10xHis , Avi) The protein has a calculated MW of 12.0 kDa. The protein migrates as 20-
	30 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, pH 7.4
Storage:	-80 °C
Storage Comment:	-70°C