Active Recombinant Human PSCA protein, His-Avi-tagged, Biotinylated

Cat. No. PSCA-0630H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human PSCA protein(Leu12-Ser86), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	12-86 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	2e5 of anti-PSCA CAR-293 cells were stained with 100 μL of 3 μg/mL of Biotinylated Human PSCA, His,Avitag and negative control protein respectively, washed and then followed by PE-SA antibody and analyzed with FACS.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 12.1 kDa. The protein migrates as 20-30 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Leu12-Ser86
Endotoxin	Less than 1.0 EU per μg by the LAL method.

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Purity	>90% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	PSCA prostate stem cell antigen [Homo sapiens]
Official Symbol	PSCA
Synonyms	PSCA; prostate stem cell antigen; PRO232;
Gene ID	8000
mRNA Refseq	NM_005672
Protein Refseq	NP_005663
MIM	602470
UniProt ID	O43653

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