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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 |
| | |