antibodies -online.com







PSCA Protein (AA 12-86) (His tag)





Overview

| Quantity: | 100 μg |
|-------------------------------|---|
| Target: | PSCA |
| Protein Characteristics: | AA 12-86 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PSCA protein is labelled with His tag. |

Product Details

| Sequence: | AA 12-86 |
|------------------|--|
| Purity: | >90 % as determined by SDS-PAGE. |
| Endotoxin Level: | Less than 1.0 EU per µg by the LAL method. |

Target Details

| Target: | PSCA |
|-------------------|---|
| Alternative Name: | PSCA (PSCA Products) |
| Background: | The Prostate stem cell antigen (PSCA) is a glycosylphosphatidylinositol (GPI)-anchored protein, 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 |

Target Details

| | receptors (nAChRs) activity. In vitro inhibits nicotine-induced signaling probably implicating alpha-3:beta-2- or alpha-7-containing nAChRs. |
|-------------------|--|
| Molecular Weight: | 10.4 kDa |
| NCBI Accession: | NP_005663 |

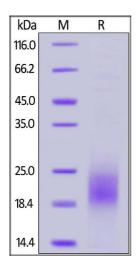
Application Details

Restrictions: For Research Use only

Handling

| Format: | Lyophilized |
|------------------|---|
| Buffer: | PBS, pH 7.4 |
| Handling Advice: | Please avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |

Images



SDS-PAGE

Image 1. Human PSCA, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.