

## PSCA Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P78335
Synonyms:	PSCA; UNQ206; PRO232
Species:	Mouse
Source:	HEK293
Accession:	P57096 (L21-N95)
Gene ID:	72373
Molecular Weight:	40-60 kDa

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	The PSCA protein emerges as a versatile regulator, potentially involved in the modulation of cell proliferation and acting as a modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro experiments demonstrate its ability to inhibit nicotine-induced signaling, suggesting a potential interaction with alpha-3:beta-2- or alpha-7-containing nAChRs. The dual functionality of PSCA, influencing both cell proliferation and nicotinic acetylcholine receptor activity, underscores its significance in cellular processes and signaling pathways, hinting at its potential role in the intricate balance of cellular homeostasis.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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