PRODUCT INFORMATION

Target	PSCA
Synonyms	PSCA;UNQ206;PRO232
Description	Recombinant human PSCA protein with C-terminal human Fc
Delivery	In Stock
Uniprot ID	O43653
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	PSCA(Leu12-Ser86) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 34.4 kDa after removal of the signal peptide.The apparent molecular mass of PSCA-hFc is approximately 40-57 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a glycosylphosphatidylinositol-anchored cell membrane glycoprotein. In addition to being highly expressed in the prostate it is also expressed in the bladder, placenta, colon, kidney, and stomach. This gene is up-regulated in a large proportion of prostate cancers and is also detected in cancers of the bladder and pancreas. This gene includes a polymorphism that results in an upstream start codon in some individuals, this polymorphism is thought to be associated with a risk for certain gastric and bladder cancers. Alternative splicing results in multiple transcript variants.
Usage	Research use only
Conjugate	Unconjugated

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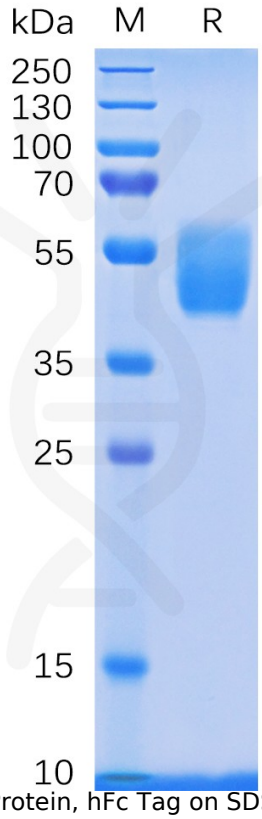


Figure 1. Human PSCA Protein, hFc Tag on SDS-PAGE under reducing condition.

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