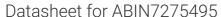
# antibodies - online.com







# PSMA Protein (AA 45-752) (His tag, Biotin)



## Image



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Quantity:	100 μg
Target:	PSMA (FOLH1)
Protein Characteristics:	AA 45-752
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSMA protein is labelled with His tag,Biotin.

#### **Product Details**

Purpose:	Biotinylated Mouse PSMA/FOLH1 Protein (Primary Amine Labeling)	
Sequence:	Lys45-Ala752	
Characteristics:	Recombinant Biotinylated Mouse PSMA/FOLH1 Protein (Primary Amine Labeling) is expressed from HEK293 with His tag at the N-Terminus.It contains Lys45-Ala752.	
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC	
Sterility:	0.22 µm filtered	
Endotoxin Level:	Less than 1EU per μg by the LAL method.	

#### **Target Details**

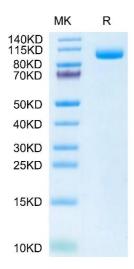
Target:	PSMA (FOLH1)
Alternative Name:	PSMA (FOLH1 Products)

## **Target Details**

Expiry Date:

12 months

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Background:	Prostate-specific membrane antigen (PSMA) is an enzyme that in humans is encoded by the FOLH1 (folate hydrolase 1) gene, also known as Glutamate carboxypeptidase II (GCPII). Human PSMA is highly expressed in the prostate, roughly a hundred times greater than in most other tissues. In some prostate cancers, PSMA is the second-most upregulated gene product, with an 8- to 12-fold increase over levels in noncancerous prostate cells.	
Molecular Weight:	80.6 kDa. Due to glycosylation, the protein migrates to 90-110 kDa based on Tris-Bis PAGE result.	
UniProt:	035409	
Application Details		
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu$ g/mL is recommended. Dissolve the lyophilized protein in distilled water.	
Buffer:	Lyophilized from $0.22\mu m$ filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.	
Storage:	-20 °C,-80 °C	
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.	
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#### **SDS-PAGE**

**Image 1.** Biotinylated Mouse PSMA on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .