Human PSMA/FOLH1 Protein (active dimer)

Catalog # PSMA-HP001 Form: Lyophilized

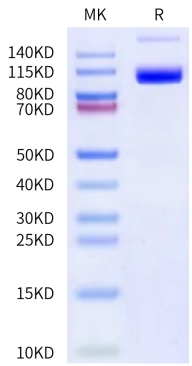
Product Details

Product description	Recombinant Human PSMA/FOLH1 Protein is expressed in HEK293 cells with a His tag at the N-terminus. It contains amino acid residues Lys44-Ala750 (UniProt accession: Q04609-1).
Molecular aliases	GCP2; PSMA; PSMAFGCP; FGCP; Folate hydrolase 1; FOLHNAALADase I; GCPII; GCPIImGCP; NAALAD1; NAALADase I; NAALAdase; FOLH1; GIG27; PSM; FOLH; mGCP
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 80.6 kDa. Due to glycosylation, the protein migrates to 90-110 kDa based on Bis-Tris PAGE result.
Purity	> 90% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in 50mM MES, 150mM NaCl, 8% trehalose (pH 6.0).
State	Lyophilized
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in 50mM MES (pH 6.0). Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human PSMA on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.