Human GPA Protein

Catalog # GPA-HF001 Form: Lyophilized

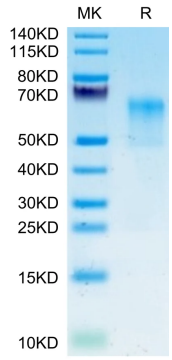
Product Details

Product description	Recombinant Human GPA Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the C-terminus. It contains amino acid residues Ser20-Glu91 (accession: AAA52768.1).
Molecular aliases	Glycophorin-A; Glycophorin A; PAS-2; CD235a; GPA; GPErik; GpMiIII; GPSAT; GYPA; HGpMiIII; HGpMiV; HGpMiX; HGpMiXI; HGpSta(C); MNS; CD235a; MN;PAS2
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 34.7 kDa. Due to glycosylation, the protein migrates to 45-70 kDa based on Bis-Tris PAGE result.
Purity	> 95% 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 PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
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 distilled water. 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 GPA on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.