Human CD42b/GP1BA Protein

Catalog # CD42B-HF001 Form: Lyophilized

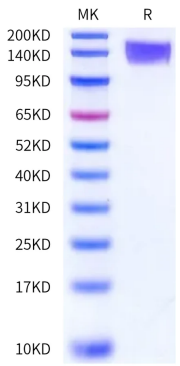
Product Details

Product description	Recombinant Human CD42b/GP1BA Protein is expressed in HEK293 cells with an hFc (IgG1) tag at the C-terminus. It contains amino acid residues His17-Leu531 (UniProt accession: P07359).
Molecular aliases	GP-Ib alpha; GPIb-alpha; GPIbA; GP1BA; BDPLT1; BDPLT3; BSS; CD42B; CD42b-alpha; DBPLT3; GP1B; VWDP; BP1BA; MGC34595
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 82.47 kDa. Due to glycosylation, the protein migrates to 130-170 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 0.1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in PBS, 100mM L-Arginine (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 CD42b on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.