

CD42b/GP1BA Protein, Human, Recombinant (His)

General Information

Synonyms:	DBPLT3;CD42B;glycoprotein Ib (platelet), α polypeptide;GPIb α ;CD42b- α ;GP1B;BDPLT1;VWDP;glycoprotein Ib (platelet), alpha polypeptide;GPIbA;GPIb α ;BSS;CD42b-alpha;BDPLT3
Protein Construction:	A DNA sequence encoding the human GP1BA (CAM97225.1) (Met1-Gly519) was expressed with a polyhistidine tag at the C-terminus. Predicted N terminal: His 17
Species:	Human
Expression Host:	HEK293 Cells
Accession:	A5CKE2
Molecular Weight:	56.7 kDa (predicted); 93 kDa (reducing condition, due to glycosylation)

QC Testing

Biological Activity:	Activity testing is in progress. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	$\geq 90\%$ as determined by SDS-PAGE. $\geq 90\%$ as determined by SEC-HPLC.
Endotoxin:	< 1.0 EU/ μ g of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a $0.22\ \mu\text{m}$ filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

Preparation and Storage

Reconstitution:

Reconstituted with sterile deionized water to 0.2 mg/mL. Reconstitution conditions may vary depending on the lot.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C . For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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