

Mouse GP1BB Protein

Cat. No. GP1-MM2BB

Description

Source	Recombinant Mouse GP1BB Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Pro27-Cys147.
Accession	P56400
Molecular Weight	The protein has a predicted MW of 39.5 kDa. Due to glycosylation, the protein migrates to 46-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

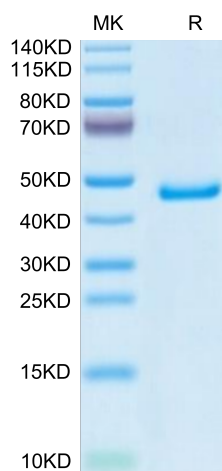
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

The glycoprotein (GP) Ib-IX complex is the receptor on platelet surfaces that mediates their adhesion to subendothelium. It comprises three polypeptides (GP Ib alpha, GP Ib beta, GP IX), each of which belongs to a superfamily of proteins containing conserved leucine-rich motifs. Association between GP Ib alpha and GP Ib beta was demonstrated biochemically on immunoblots of detergent lysates of CHO alpha beta cells; electrophoresis under nonreducing conditions revealed the two subunits to be covalently linked through a disulfide bond.

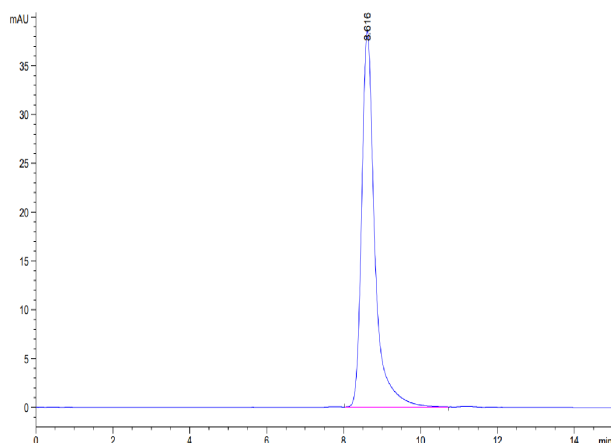
Assay Data

Bis-Tris PAGE



Mouse GP1BB on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse GP1BB is greater than 95% as determined by SEC-HPLC.