

Datasheet for ABIN7596377

GP1BB Protein (AA 26-147) (His tag)[Go to Product page](#)

Overview

Quantity:	250 µg
Target:	GP1BB
Protein Characteristics:	AA 26-147
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GP1BB protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	CPAPCSC AGTLVDCGRR GLTWASLPTA FVDTTELVL TGNLNTALPP GLLDALPALR TAHLGANPWR CDCRLVPLRA WLAGRPERAP YRDLRCVAPP ALGRLLPYL AEDELRAACA PGPLC
Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1µg of protein (determined by LAL method)

Target Details

Target:	GP1BB
Alternative Name:	GP1BB (GP1BB Products)
Background:	GP1BB, also known as glycoprotein Ib platelet subunit beta/CD42c, is a member of platelet receptor family. It is part of the GPIb-V-IX system that constitutes the receptor for von

Target Details

Willebrand factor (VWF), and mediates platelet adhesion in the arterial circulation. This complex is composed of GPIb alpha attached to GPIb beta and non-covalently complexed with GPIX and GPV. GPIb alpha chain provides the VWF binding site, and GPIb beta contributes to surface expression of the receptor and participates in transmembrane signaling through phosphorylation of its intracellular domain. Mutations in GP1BB have been associated with Bernard-Soulier syndrome, velocardiofacial syndrome and giant platelet disorder. Recombinant human GP1BB, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.

Molecular Weight: 14kDa (131aa)

NCBI Accession: [NP_000398](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.