

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HUMAN GP6 PROTEIN, HFC TAG

货号: 11432

产品全名: 人 GP6 蛋白 规格: 10/50/100 µg

基因符号 BDPLT11;GPIV;GPVI

目标蛋白: GP6

UNIPROTID: Q9HCN6

描述: Recombinant Human GP6 with C-terminal human Fc tag

背景: This gene encodes a platelet membrane glycoprotein of the immunoglobulin superfamily. The encoded protein is a receptor for collagen and plays a critical role in collagen-induced platelet aggregation and thrombus formation. The encoded protein forms a complex with the Fc receptor gamma-chain that initiates the platelet activation signaling cascade upon collagen binding. Mutations in this gene are a cause of platelet-type bleeding disorder-11 (BDPLT11). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 53.1 kDa after removal of the signal peptide. The apparent molecular mass of GP6-hFc is approximately 55-100 kDa due to glycosylation.

分子特征: GP6(Gln21-Lys267) hFc(Glu99-Ala330)

纯化: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010



Figure 1. Human GP6 Protein, hFc Tag on SDS-PAGE under reducing condition.