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GYPC, 1-57aa, Human, His-tag, Baculovirus

产品货号: TP02380

第三版

别名: Glycophorin-C isoform 1, GYPC, CD236, CD236R, GE, GPC, GPD, GYPD, PAS-2, PAS-2

描述: GYPC, also known as glycophorin-C isoform 1, is an integral membrane glycoprotein. It is a minor species carried by human erythrocytes, but plays an important role in regulating the mechanical stability of red cells. A number of glycophorin C mutations have been described. The Gerbich and Yus phenotypes are due to deletion of exon 3 and 2, respectively. The Webb and Duch antigens, also known as glycophorin D, result from single point mutations of the glycophorin C gene. The glycophorin C protein has very little homology with glycophorins A and B. Alternate splicing results in multiple transcript variants. Recombinant human GYPC protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 7.2kDa (66aa) 18-28kDa (SDS-PAGE under reducing conditions.)

序列: ADPMWSTRSPNSTAWPLSLEPDPGMASASTTMHTTTIAEPDPMMSGWPDGRMETSTPTIMHHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.