



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### GYPA (Human) Recombinant Protein

**Catalog Number:** P9929

**Regulation Status:** For research use only (RUO)

**Product Description:** Human GYPA (P02724-1, Ser20-Glu91) partial recombinant protein with hFc tag at C-Terminus expressed in HEK293 cells.

**Sequence:** Ser20-Glu91

**Host:** Human

**Theoretical MW (kDa):** 34.7

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Lyophilized

**Preparation Method:** Mammalian cell (HEK293) expression system

**Purity:** > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

**Endotoxin Level:** < 1 EU per 1 ug of protein (determined by LAL method)

**Activity:** The affinity constant of 0.72 uM as determined in SPR assay (Biacore T200).

**Recommend Usage:** Biological Activity

SDS-PAGE

SPR

The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from sterile distilled Water is > 100 ug/mL

**Storage Instruction:** Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 2993

**Gene Symbol:** GYPA

**Gene Alias:** CD235a, GPA, GP<sub>E</sub>rik, GPSAT, GpM<sub>III</sub>, HGpM<sub>III</sub>, HGpM<sub>IV</sub>, HGpM<sub>IX</sub>, HGpM<sub>XI</sub>, HGpSta(C), MN, MNS

**Gene Summary:** Glycophorins A (GYPA) and B (GYPB) are major sialoglycoproteins of the human erythrocyte membrane which bear the antigenic determinants for the MN and Ss blood groups. In addition to the M or N and S or s antigens that commonly occur in all populations, about 40 related variant phenotypes have been identified. These variants include all the variants of the Miltenberger complex and several isoforms of Sta, as well as Dantu, Sat, He, Mg, and deletion variants Ena, S-s-U- and Mk. Most of the variants are the result of gene recombinations between GYPA and GYPB. [provided by RefSeq]