

## Recombinant Human GYPA Protein, His-tagged

Cat. No. GYPA-285H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human GYPA fused with His tag at N-terminal was expressed in E. coli.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>Description</b>      | 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. |
| <b>Form</b>             | 50mM Tris, 8M Urea, pH8.0.  |
| <b>Molecular Mass</b>   | 14.3 kDa  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method  |

### GENE INFORMATION

**Gene Name** GYPA glycoprotein A (MNS blood group) [ Homo sapiens ]

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                        |  |
|------------------------|--|
| <b>Official Symbol</b> | <a href="#">GYPA</a>   |
| <b>Synonyms</b>        | GYPA; glycoporphin A (MNS blood group); glycoporphin A (includes MN blood group) , glycoporphin A (MN blood group) , MNS; glycoporphin-A; CD235a; GPA; MN; glycoporphin Mil; glycoporphin MiV; glycoporphin SAT; glycoporphin Erik; glycoporphin A, GPA; MN sialoglycoprotein; glycoporphin Sta type C; sialoglycoprotein alpha; Mi.V glycoprotein (24 AA); glycoporphin A (MN blood group); recombinant glycoporphin A-B Miltenberger-DR; erythroid-lineage-specific membrane sialoglycoprotein; MNS; GPSAT; PAS-2; GPErik; HGpMiV; HGpMiXI; HGpSta(C); |
| <b>Gene ID</b>         | <a href="#">2993</a>   |
| <b>mRNA Refseq</b>     | <a href="#">NM_002099</a>  |
| <b>Protein Refseq</b>  | <a href="#">NP_002090</a>  |
| <b>UniProt ID</b>      | <a href="#">P02724</a>   |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA