

## Recombinant Mouse Gypa Protein, His and Fc-tagged

**Cat. No.** Gypa-267M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Gypa protein with His and Fc tag was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	168
<b>Description</b>	Enables identical protein binding activity. Acts upstream of or within regulation of response to osmotic stress. Located in external side of plasma membrane. Is integral component of plasma membrane. Is expressed in yolk sac. Human ortholog(s) of this gene implicated in malaria. Orthologous to several human genes including GYPA (glycophorin A (MNS blood group)).
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	39.6 kDa
<b>AA Sequence</b>	MTESTAAVTTSGHSLTTTFHIPSSQHYQEEHSPSLSGSDSLLQITTPVVASTVGNPN QHSATMSTPAIHVSTYHTAPTEVSAAFEEQPVSPHIGGMPSPIQHDFPALVMILILGV MAGIIGTILLISYICISRM TKKSSVDIQSPEGGDNSVPLSSIEQTPNEESSNV
<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC

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<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H <sub>2</sub> O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## GENE INFORMATION

<b>Gene Name</b>	Gypa glycophorin A [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Gypa
<b>Synonyms</b>	GYP A; glycoporphin A; glycoporphin-A; GPA; CD235a; AI853584;
<b>Gene ID</b>	14934
<b>mRNA Refseq</b>	NM_010369
<b>Protein Refseq</b>	NP_034499
<b>UniProt ID</b>	P14220

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