

Recombinant Mouse Gypa Protein, His and Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Gypa protein with His and Fc tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	168
Description	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 GYP A (glycophorin A (MNS blood group)).
Form	Lyophilized
Molecular Mass	39.6 kDa
AA Sequence	MTESTAAVTTS GHSLTTTFHIPSSQHYQEEHSPSLSGSDSLLQITTPVVASTVG NPN QHSATMSTPAIHVSTYHTAPTEVSAAFE EQPVSPHIGGMPSPIQHDFPALVMILIILGV MAGIIGTILLISY CISRMTKKSSVDIQSPEGGDNSVPLSSIEQTPNEESSNV
Purity	> 98%
Applications	WB; ELISA; FACS; FC

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Stability	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.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O 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

Gene Name	Gypa glycophorin A [Mus musculus (house mouse)]
Official Symbol	Gypa
Synonyms	GYPA; glycophorin A; glycophorin-A; GPA; CD235a; AI853584;
Gene ID	14934
mRNA Refseq	NM_010369
Protein Refseq	NP_034499
UniProt ID	P14220

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