

Catalog number GF-PROTA-HU

Recombinant Protein A, soluble (*S. aureus*)

Soluble recombinant staphylococcal Protein A, *E. coli*-expressed, $\geq 95\%$ pure. An IgG Fc-binding protein for plate coating, conjugation, and assay development; supplied free in solution, not immobilized on a resin.

Specification

Species	<i>Staphylococcus aureus</i>
Expressed in	<i>E. coli</i> BL21(DE3)
UniProt	P38507
Accession	AAA26677.1
Molecular weight	45 kDa (SDS-PAGE, apparent)
Purity	$\geq 95\%$ (SDS-PAGE)
Endotoxin	≤ 0.1 EU/ μ g (LAL)
Activity	Confirmed by solid-phase human IgG Fc-binding (ELISA)
Carrier	carrier-free
Formulation	Sterile-filtered solution in PBS, pH 7.4. Supplied frozen and carrier-free.
Reconstitution	Supplied ready to use. Thaw on ice, mix gently, and dilute into your buffer.
Storage	$-80\text{ }^{\circ}\text{C}$. Aliquot on receipt to avoid repeated freeze/thaw.
Stability	12 mo at $-80\text{ }^{\circ}\text{C}$; 1 wk at $2-8\text{ }^{\circ}\text{C}$ once thawed. Do not refreeze.
Grade	Research use only

Ordering

Catalog no.	Pack	List price	Availability
GF-PROTA-HU-100UG	100 μ g	\$48	Waitlist
GF-PROTA-HU-500UG	500 μ g	\$160	Waitlist
GF-PROTA-HU-1MG	1 mg	\$260	Waitlist

Storage and shipping

Cold chain	Frozen, on dry ice. Declared UN1845, dangerous goods class 9.
------------	---

GF-PROTA-HU continued

Hazard classification	None
-----------------------	------

Certificate of Analysis	Issued per lot and shipped with the product. Any lot can be retrieved at bramantebio.com/support/coa/
-------------------------	--

Research use only

For research use only. Not for use in diagnostic or therapeutic procedures, and not for human or veterinary use. The purchaser is responsible for determining suitability for their application and for compliance with applicable biosafety and institutional requirements.