

EGFP recombinant protein

EGFP-rProtein A

CATALOG #
AAA267285

HOST
E. coli

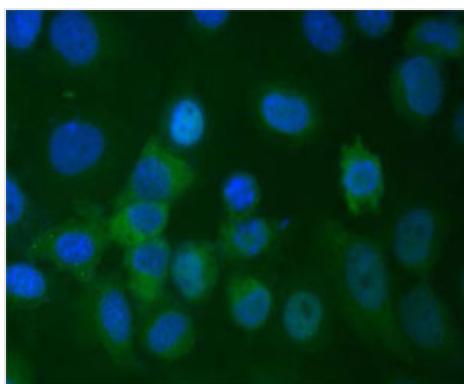
PRODUCT SYNONYMS

EGFP; EGFP-rProtein A; EGFP recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Specificity	Under optimal conditions, 1 mg EGFP-rProtein A will bind approximately 5 mg IgG. Optimal binding of EGFP-rProtein A to antibodies occurs at pH 5.0 to 8.0 and can be eluted over a pH range of 2.5 to 3.0.
Purity/Purification	>98% by SDS-PAGE and HPLC
Form/Format	Liquid. The product is 1 mg/ml in 10 mM Phosphate buffered saline, pH 7.4 containing, 10% glycerol and 0.1% sodium azide as preservative.
Sequence Length	241
Endotoxin	< 0.05 EU/mg
IgG Binding	>95%
Bioburden	No organisms detected
Preparation and Storage	Store at -20°C. -80°C for long-term storage. Avoid exposure to light. Avoid repeated freezing and thawing.

IMAGES



IF (Immunofluorescence)

293T cells were stained with mouse anti-beta-tubulin antibody and detected with EGFP-rProtein A (Green).

ADDITIONAL INFORMATION

Related Product Information for EGFP recombinant protein	The unique, high quality recombinant EGFP-rProtein A are produced in E. coli, and purified using multiple chromatographic steps (not affinity purified with human IgG). EGFP-rProtein A bind to most mammalian immunoglobulins in their Fc binding domains and therefore are ideal for immunofluorescence staining. The genetically engineered protein was expressed and purified from transformed E. coli containing only the IgG binding regions and have 6X His-tag on their N-terminus. Other domains such as cell wall binding region, albumin binding region and other non-specific binding regions have been eliminated from all these proteins to ensure the maximum specific IgG binding and maximal fluorescence.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	375332228
NCBI Official Full Name	eGFP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/egfp-recombinant-protein-e-coli/267285>