

Toxoplasma gondii SAG2 Recombinant Protein | P22 recombinant protein

Recombinant Toxoplasma gondii SAG2 antigen (P22)

CATALOG # AAA77994	HOST E Coli	APPLICATIONS IA (Immunoassay)
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PRODUCT SYNONYMS

Toxoplasma gondii SAG2; Recombinant Toxoplasma gondii SAG2 antigen (P22); P22 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% pure (12% SDS-PAGE, Coomassie blue stain); Proprietary chromatographic technique
Form/Format	Purified, Liquid; Phosphate buffered saline
Concentration	0.56mg/ml (varies by lot)
Applicable Applications for P22 recombinant protein	IA (Immunoassay)
Toxicity	No toxicity to human, animal and environment.
Preparation and Storage	Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for P22 recombinant protein	Toxoplasma gondii is an obligate intracellular protozoan parasite, it has been known associating with severe congenital defects and life threatening infection in immunocompromised hosts. In human, T. gondii infection in pregnant women can result in congenital infection, such as late-onset eye disease, it is also a frequent cause of encephalitis in AIDS patients; in animal, the infection can cause a variety diseases and symptoms. Surface antigen 2 (SAG2 or P22) of T. gondii is a major surface protein with the function as attachment ligand. It shows with good antigenicity and immunogenicity. rSAG2 expressed in E. coli contains full length amino acid sequence and 6 x his tag at its C-terminus. rSAG2 was effective to detect IgG to T. gondii in human patients with acute toxoplasmosis. It is used as an antigen in ELISA to test T. gondii infection in domestic cats as well. It has been proved that rSAG2 could provide partial protection against a lethal infection of T. gondii and inhibited cyst formation in the brains of infected mice.
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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/toxoplasma-gondii-sag2-recombinant-protein-e-coli-ia-immunoassay/77994>