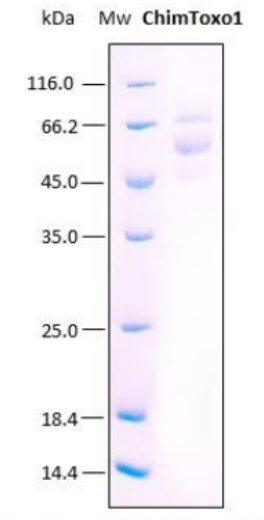
Recombinant T. gondii SAG1 and GRA8 Antigen, His tagged

Cat. No. SAG1-050T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The recombinant multi-epitope chimeric antigen of Toxo has been prepared as a chimeric protein formed by some antigenic determinants of SAG1 and GRA8 of this parasite.
Species	T.gondii
Source	P.pastoris
Tag	N-His
Molecular Mass	SDS-PAGE analysis determines that the protein band is between the molecular markers of 66 kDa and 45 kDa due to the glycosylation pattern, while relative molecular mass, calculated from amino acid sequence and without glycosylation, is 38,636.97 Da.
Purity	> 95% by observation on SDS-PAGE electrophoresis
Applications	WB, DB, IE, DE, CLIA, LF
Storage	Upon arrival, it should be aliquoted to avoid repeated freezing and thawing cycles and stored at -20 to -80 centigrade. In order to defrost the protein, maintain the aliquot at 25 centigrade without shaking to avoid aggregation.
Storage Buffer	20 mM phosphate buffer pH 7 and 0.1 M KCl

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Concentration	1.47 mg/mL
Shipping	Protein is shipped with dry ice.
Reference	1. Santoro, F., Charif, H. and Capron, A. Theimmunodominant epitope of the major membrane techyzoite protein (p30) of Toxoplasma gindii. 1986, Parasite Immunol. 8:631-9. 2. Gill SC, von Hippel PH. Calculation of protein extinction coefficients from amino acid sequence data. Anal Biochem. 1989 Nov 1;182(2):319-26.
Purity	 SDS-PAGE analysis (15%) of 4 µL of recombinant ChimToxo1. Purity is >95% as determined by gel electrophoresis. Both bands correspond to the target protein as react with an anti-His Ab.

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