Recombinant Toxoplasma gondii GRA2

Cat. No. GRA2-591T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The E.coli derived recombinant protein contains the 28 (GRA2) immunodominant regions, amino acids 21-185. The fusion protein contains additional 38 amino acids derived from pET vectors.
Species	T.gondii
Source	E.coli
ProteinLength	21-185 A.A.
Form	50 mM Tris-HCl and 50% glycerol. No preservative and no stabilizer
Purity	Toxoplasma protein is >95.0% pure as determined by 12.0% PAGE (Coomassie staining).
Applications	Toxoplasma antigen is suitable for ELISA and Western blots, excellent antigen for detection of Toxoplasma gondii- with minimal specificity problems.
Notes	Immunoreactive with sera of Toxoplasma gondii-infected individuals.
Stability	6 months at -20°C or one year -80°C.
Storage	Toxoplasma protein is shipped at 4°C. Upon arrival, store at -20°C.

GENE INFORMATION

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Gene Name	GRA2_TOXGO
Official Symbol	GRA2
Synonyms	GRA2; Dense granule protein 2; Protein GRA 2; 28 kDa antigen; GP28.5
Gene ID	5811
UniProt ID	P13404
Function	Major granular component involved in excreted-secreted antigen (ESA) immunity. Possibly acts in conjunction with GRA1.

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