

Toxoplasma gondii Inflammatory profilin Recombinant Protein | PRF recombinant protein

Recombinant Toxoplasma gondii Inflammatory profilin protein

CATALOG # AAA116216	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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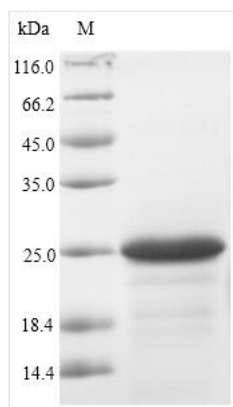
PRODUCT SYNONYMS

Toxoplasma gondii Inflammatory profilin; Recombinant Toxoplasma gondii Inflammatory profilin protein; PRF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Liquid or Lyophilized powder If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8
Sequence Positions	2-163aa; Full Length of Mature Protein
Sequence	SDWDPVVKEW LVDITYCCAG GIANAEDGVV FAAAADDDDG WSKLYKDDHE EDTIGEDGNA CGKVSINEAS TIKAAVDDGS APNGVWIGGQ KYKVVRPEKG FEYNDCTFDI TMCARSKGGA HLIKTPNGSI VIALYDEEKE QDKGNSRTSA LAFAEYLHQS GY
Sequence Length	163
Production Note	Special Offer: The E Coli, Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli, Yeast host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli, Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli, Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

References	A profilin-like protein from Toxoplasma gondii potently triggers dendritic cell IL-12 production through TLR11.Yarovinsky F., Zhang D., Andersen J.F., Bannenberg G.L., Serhan C.N., Hayden M.S., Hieny S., Sutterwala F., Flavell R.A., Ghosh S., Sher A.Skillman K.M., Sibley D. Common inheritance of chromosome Ia associated with clonal expansion of Toxoplasma gondii.Khan A., Bohme U., Kelly K.A., Adlem E., Brooks K., Simmonds M., Mungall K., Quail M.A., Arrowsmith C., Chillingworth T., Churcher C., Harris D., Collins M., Fosker N., Fraser A., Hance Z., Jagels K., Moule S., Murphy L., O'Neil S., Rajandream M.A., Saunders D., Seeger K., Whitehead S., Mayr T., Xuan X., Watanabe J., Suzuki Y., Wakaguri H., Sugano S., Sugimoto C., Paulsen I., Mackey A.J., Roos D.S., Hall N., Berriman M., Barrell B., Sibley L.D., Ajioka J.W.Genome Res. 16:1119-1125(2006) Unusual kinetic and structural properties control rapid assembly and turnover of actin in the parasite Toxoplasma gondii.Sahoo N., Beatty W., Heuser J., Sept D., Sibley L.D.Mol. Biol. Cell 17:895-906(2006) Structure-based analysis of Toxoplasma gondii profilin a parasite-specific motif is required for recognition by Toll-like receptor 11.Kucera K., Koblansky A.A., Saunders L.P., Frederick K.B., De La Cruz E.M., Ghosh S., Modis Y.J. Mol. Biol. 403:616-629(2010)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74767627
UniProt Accession #	Q58NA1; Q1JT65; B6KQP8; B9PY60; B9QLE3
Molecular Weight	19.4 kDa
NCBI Official Full Name	Profilin (Inflammatory profilin)
UniProt Protein Name	Inflammatory profilin
UniProt Gene Name	PRF
UniProt Entry Name	Q58NA1_TOXGO

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://www.aaabiotech.com/prf-recombinant-protein-e-coli/116216>