

Recombinant Babesia microti profilin-like protein, GST-tagged

Cat. No. BMR1_02g02745-22B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Babesia microti profilin-like protein with GST tag was expressed in E. coli.
Species	Babesia Microti
Source	E.coli
Description	Babesia parasites are obligate intraerythrocytic protozoa capable of invading a wide range of vertebrate hosts. Babesia microti has emerged as a new life-threatening zoonosis in the world causing a disease in humans and rodents. The infection is usually asymptomatic. However, immunocompromised and elder people may develop moderate to serious symptoms. Profilin is a soluble cytoplasmic protein that plays a key regulatory role in actin polymerization. It represents an essential component of all apicomplexan parasites, which helps the parasite to invade host cells using an actin-dependent gliding motility.
Form	Liquid, does not contain glycerol
Molecular Mass	441 Da
Purity	> 95% by SDS-PAGE
Applications	ELISA, Western blot, LIA, Protein arrays
Storage	At -80 centigrade. Aliquot upon arrival.

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Concentration	2 mg/mL
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Shipping	Ice pack
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GENE INFORMATION

Gene Name	BMR1_02g02745 profilin-like protein [Babesia microti strain RI]
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Official Symbol	BMR1_02g02745
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Synonyms	BMR1_02g02745; profilin-like protein; overlaps_old_locusTagID:BBM_II02745
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Gene ID	24424331
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mRNA Refseq	XM_021481611
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Protein Refseq	XP_021338235
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UniProt ID	A0A1R4AAK7
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