# Recombinant Babesia microti profilin-like protein, GST-tagged

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

## SPECIFICATION

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|---|---|
| **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 |
| **Shipping** | Ice pack |

## GENE INFORMATION

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

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