

# Recombinant Full Length Protein Sey1 Homolog(Tp04\_0477) Protein, His-Tagged

**Cat. No.** RFL28609TF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Product Overview</b> | Recombinant Full Length Protein SEY1 homolog(TP04_0477) Protein (Q4N280) (1-796aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Theileria parva (East coast fever infection agent)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Full Length (1-796)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | <p>MESSNDFS NKDSDTVSLSPVEFSNYQCEINPGFHEFLKKSGFEDVGFRFNVVTILGS</p> <p>QSS GKSHLLNSLNFNASFQTMDASRGHSQTTKGIWGLSLVLPKDTSVSATVVFDSEGT</p> <p>DSRERGE GRLTFEHRSSLFCLALSDVVIVNLWYNMGNLTGSNYGLLKTVVEANLE</p> <p>LVDTNNEENYK TVLFFCVRDWSPSLSPNVVKDYVLNNYMRSIWNEISKPARFENM</p> <p>GVESLFEIRVFGLSN AVTQPELFEKDVKEVKKTWESLKPKEYSRRVPSDGFFVYSK</p> <p>NWVKTIIEQNHLDIPTQKE MLSSYRCSEIKTAILESATTSPVPELTETDFSEYLMSLLNK</p> <p>VESEYFSQASRYDPKVSEKV GKELLSQLCGKFQPCFESALAGYVKKLAVESSSLLD</p> <p>KEFTVNSSGKELKVANARPYTVWP SFSKKCEELQSKQSEKLSEHLSRFKVSFNKTV</p> <p>SFEYEFDAQPLKDHLNLLVSTEFVLRS RHLGLLKQQLDSMCNSTFVMVKNLLDR</p> <p>SLTEDEFWDYFDELFDETHKNCMDQLTTSYQG LVNRASKAEFAQLSLVLLLKAARH</p> <p>NFDELQNNLEQLLLRFDKFFNYQEFKGELVPTEWH KQSAQELNNRYKESKEDALT</p> <p>LLKVLKKTCTKKMPSFDLNDVKKNQYFYSTLGEPVSDKYS TPVTEQFALEVNTNSCSK</p> |

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KFLEMYKNAQVVQNAGTSISSWRNIPPIFWLVLLVLGWNELRS VFKVLLRFYVVIPLL  
IVFYFTFSYSATKLLGPKADQYVKPVRDKVLSLFTALLAWFVRTL HMIASKSSSFKQR  
PAT

**Purity** Greater than 90% as determined by SDS-PAGE.

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** TP04\_0477

**Synonyms** TP04\_0477; Protein SEY1 homolog

**UniProt ID** [Q4N280](#)

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