

## Recombinant Full Length Rhomboid-Like Protease 2(Rom2) Protein, His-Tagged

**Cat. No.** RFL32064TF    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Rhomboid-like protease 2(ROM2) Protein (Q695T9) (1-283aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                     |
| <b>Species</b>          | T.gondii                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | Full Length (1-283)                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MANIRTLSDYASSPPRGSSALEGEVGGGSPPLFFPSGTQSGENVSWIQWLCPGI<br>HLKS PIIISFVQIAVYIASLAAGLAPNEILAPTPQTLVMFGANIPELIRVGEIWRICPLF<br>LH LNLFHILMNLWVQIRIGLTMEEKYGWKMLLAVYFGVGVLANMISA AVLFCGQMKA<br>GASTA VFALIGVQLAELALIWHAIQDRNSAII SVCICLFFV FVSSFGSHMDSVGHIGGL<br>VMGFAA GIWLNENSDIKPTWYDRARLTSQVALAAAPILSCIFILVPRC |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                   |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                |

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|-----------------------|---------------------------------------------|
| <b>Storage Buffer</b> | 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**

ROM2

**Synonyms**

ROM2; Rhomboid-like protease 2

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