

# Recombinant Full Length Drosophila Pseudoobscura Pseudoobscura Serine Protease Htra2, Mitochondrial(Htra2) Protein, His-Tagged

**Cat. No.** RFL16301DF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Overview</b> | Recombinant Full Length Drosophila pseudoobscura pseudoobscura Serine protease HTRA2, mitochondrial(Htra2) Protein (Q297U2) (78-427aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                           |
| <b>Species</b>          | Drosophila pseudoobscura pseudoobscura (Fruit fly)                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | Full Length of Mature Protein (78-427)                                                                                                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | ALVSAVLIERHRDELTPTISARSLKGRRNEFNFIADVAGCGDSVVYIEIKDTRHFDYF<br>S GQPITASNGSGFVIEQNGLILTNAHVINKPHTMVQVRLSDGRTFPATIEDVDQTS<br>DLAT LRIQVSGLPVMKLGKSSTLRSGEWWVALGSPLALSNTVTAGVISATQRASQEL<br>GLRNRDI NYLQTDAAITFGNSGGPLVNLGGEAIGVNSMKVTAGISFAIPIDYVKVFLE<br>RAAERRKKG SAHKTGYPVKRYMGITMLTLTPDILFELKSRSQNMPNNLMHGVLVWK<br>VIVGSPAHSGLQ PGDIVTHINKKEIKNSSDVYDALAEGRKDLEIVILRGVKQMHVKIT<br>PEDP |
| <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                                                                                                                                                                                                                                                                                                          |

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|                         | 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.                                                                                                                                                                                                                                                                                              |
| <b>Storage Buffer</b>   | Tris/PBS-based buffer, 6% Trehalose, pH 8.0                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reconstitution</b>   | 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. |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Name</b>        | HtrA2                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>         | HtrA2; GA21097; Serine protease HTRA2, mitochondrial; High temperature requirement protein A2                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>       | <a href="#">Q297U2</a>                                                                                                                                                                                                                                                                                                                                                                                      |