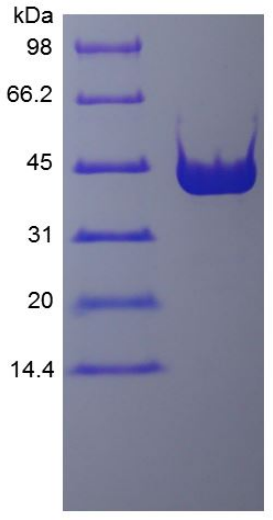
Active Recombinant 3C protease, GST-tagged

Cat. No. PSP-138H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant 3C protease(1538-1719 aa), fused with GST tag, was expressed in E.coli.
Species	HRV14
Source	E.coli
ProteinLength	1538-1719 aa
Form	50 mM Tris-HCl, pH 7.0 (at 25°C), 150 mM NaCl, 1 mM EDTA, 1 mM dithiothreitol. Chill to 5 °C prior to use.
Bio-activity	One unit is defined as the amount of enzyme needed to cleave 100 µg of fusion protein in 16 hours to 90 % completion at 5 °C in a buffer containing 50 mM Tris-HCl, pH 7.0, 150 mM NaCl, 1 mM EDTA, and 1 mM DTT.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be

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	made in appropriate buffered solutions.
SDS-PAGE	

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