



Recombinant HRV 3C Protease

CATALOG NO	042-0012X-03, 042-0012X-04, 042-0012X-05
AMOUNT	200unit, 2,000unit, 20,000unit
SOURCE	E.coli
MOL WEIGHT	21.2kDa
FORMULATION	20mM Tris-HCl, 100mM NaCl, 5mM 3-Mercapto-1,2-propanediol, 50% Glycerol
STORAGE CONDITIONS	Store under best condition at -20°C. Samples are stable for six months from above condition. Do not repeat freeze-thaw cycle.
DESCRIPTION	Add HRV 3C Protease of 1unit to the solution containing the target protein 100ug, and it incubates 16h at 4°C (recommendation reaction buffer: 20mM Tris-HCl, 150mM NaCl, 10mM 3-Mercapto-1,2-propanediol, pH8.0). When cutting efficiency is low, please increase the amount of addition of HRV 3C Protease, develop reaction time, and examine the optimal conditions. After cleaved, nickel chelate resin using 6 × HisTag removes HRV 3C Protease.
BIOLOGICAL ACTIVITY	HRV 3C Protease recognize the cleave site : LEVLFQ/GP. 1unit of HRV 3C Protease cleave $\geq 95\%$ of 100ug 65kDa protein that has one cleave site in 20mM Tris-HCl (pH8.0) at 4°C for 16h.
HANDLING	Do not take internally. Wear gloves and mask when handling the product. Avoid contact by all modes of exposure.

FOR RESERCH USE ONLY. Not to be used on humans.