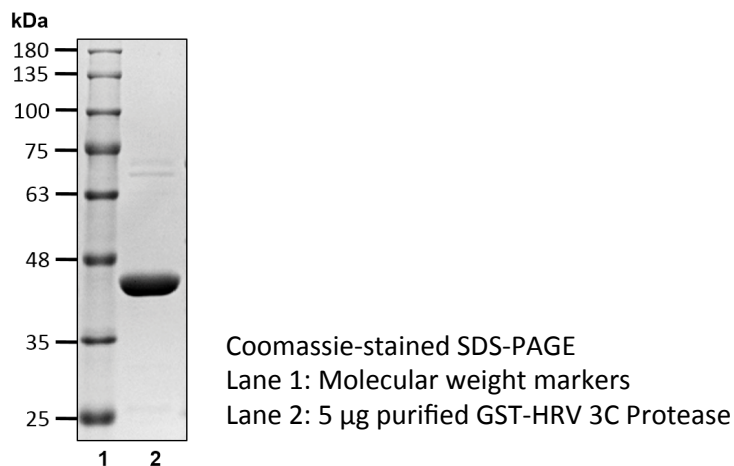


GST-HRV 3C Protease

Cat. # P1002-1000, P1002-10000

Also Known as:	N/A
NCBI Reference:	N/A
MW (no tag):	22 kDa
Species:	human rhinovirus (HRV) type 14
Source:	Bacterial recombinant
Tag:	GST
Stock Buffer:	20 mM Tris, 150 mM NaCl, 2 mM β ME, 10% Glycerol
Concentration:	See tube label
Quality Assurance:	~90% by SDS-PAGE

Image



Description: Human rhinovirus 3C protease (HRV 3C Protease) is a cysteine protease that recognizes the Leu-Glu-Val-Leu-Phe-Gln-Gly-Pro sequence (also called the PreScission site), and cleaves between Gln and Gly. The recombinant GST-HRV 3C can be used to cleave the GST tag in fusion proteins expressed using the pGEX-6p vector or other vectors, then removed by glutathione resin. It exhibits high specificity and activity at 4 °C in an overnight incubation reaction containing 1 mass unit of HRR 3C and 100 mass units of targeting protein.

Storage: Store at -80°C; avoid multiple freeze-thaw cycles

Note: We recommend using 1% supplied HRV 3C protease (w/w) to preform reactions at 4 °C for 12-16 h. Depending on specific substrates, HRV 3C protease concentration, incubation time and reaction temperature should be optimized. GST-HRV 3C protease can be removed by glutathione resin after incubation.

Literature: N/A