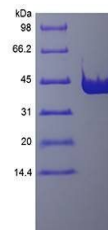


## Product Datasheet

### GST/HRV Protease (orb90001)

|                          |   |
|--------------------------|---|
| <b>Description</b>       | Protease Recombinant is fusion protein of glutathione S-transferase (GST) and human rhinovirus (HRV)...   |
| <b>Conjugation</b>       | Unconjugated  |
| <b>Target</b>            | Protease  |
| <b>Storage</b>           | Protease Recombinant although stable at 4°C for week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.   |
| <b>Note</b>              | For research use only   |
| <b>Application notes</b> | <p>For Cleavage of Fusion Protein: During cleavage reactions, it is recommended that samples be removed at various time points and analyzed by SDS-PAGE to estimate the yield, purity, and extent of digestion. The amount of PreScission Protease, temperature and length of incubation required for complete digestion of given GST fusion partner may vary depending on the fusion partner. Optimal conditions for each fusion should be determined in pilot experiments. Digestion may be improved by adding Triton™ X-100, Tween™ 20, Nonidet™, or NP40 to concentration of 0.01%. Concentrations of these detergents up to 1% do not inhibit PreScission Protease.</p> <p><b>IHC:</b> Unit Definition One unit will cleave 90% of 100 ug of test GST-fusion protein in Cleavage Buffer (50mM Tris-HCl, 150 mM NaCl, mM EDTA, mM DTT, pH 7.0 at 25C) at 5C for 16 hours.</p> <p><b>Experiment Notes:</b> 50mM Tris-HCl, pH-7.0 (at 25C), 150mM NaCl, 1mM EDTA, 1mM dithiothreitol. Chill to 5C prior to use.</p> |
| <b>Purity</b>            | Greater than 95.0% as determined by SDS-PAGE.   |
| <b>Expiration Date</b>   | 12 months from date of receipt.   |



SDS-PAGE  
analysis of  
GST/HRV  
Protease