

## Product Datasheet

### Recombinant Enterokinase, Porcine (orb1494615)

|                          |  |
|--------------------------|--|
| <b>Description</b>       | Enterokinase (EK) is a specific protease that cleaves a protein after lysine residue at its recognition site: Asp-Asp-Asp-Asp-Lys. Enterokinase will not work if the recognition site is followed by proline. If a fusion tag is placed at the N-terminus with an enterokinase site, enterokinase will be able to remove the fusion tag and to generate the protein exactly as you need without adding any unwanted residues. GenScript's Porcine Enterokinase is a highly purified recombinant porcine enterokinase (Light Chain) expressed from P. Pastoris GS115 and is supplied in two forms for customers: a. Liquid in 50% glycerol; b. Lyophilized (glycerol free). |
| <b>Preservatives</b>     | GenScript rPorcine Enterokinase, Lyophilized has been formulated using a proprietary technology, and the enzyme can be shipped at room temperature or stand at 37°C for 7 days without losing any activity.  |
| <b>Form/Appearance</b>   | GenScript rPorcine Enterokinase, Lyophilized has been formulated using a proprietary technology, and the enzyme can be shipped at room temperature or stand at 37°C for 7 days without losing any activity.  |
| <b>Storage</b>           | Store at -20°C after receiving. Reconstituted EK is stable for 24 hours at 2°C - 8°C. For long term storage, store it at -20°C.  |
| <b>Note</b>              | For research use only  |
| <b>Application notes</b> | Reconstituted in ddH <sub>2</sub> O or PBS at 100 µg/ml.   |
| <b>Source</b>            | P. pastoris  |
| <b>MW</b>                | Theoretical MW: 21,880 Da; The apparent MW on SDS-PAGE: about 40,000 Da.   |
| <b>Expiration Date</b>   | 6 months from date of receipt.   |

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