



# Recombinant Pichia Pastoris Hirudin (DAG4444)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Hirudin Pichia Pastoris  |
| <b>Species</b>          | P. pastoris  |
| <b>Purity</b>           | Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE   |
| <b>Conjugate</b>        | Unconjugated   |
| <b>Applications</b>     | immunogen  |
| <b>Format</b>           | Sterile filtered white lyophilized (freeze-dried) powder. Each mg of protein was lyophilized from a sterile solution containing no 20 mM PBS pH-7 and 2% mannitol. |
| <b>Preservative</b>     | None   |
| <b>Storage</b>          | 2-8°C short term, -20°C long term  |

## BACKGROUND

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|---------------------|--|
| <b>Introduction</b> | Hirudin is a naturally occurring peptide in the salivary glands of medicinal leeches (such as Hirudo medicinalis) that has a blood anticoagulant property. This is fundamental for the leeches' alimentary habit of hematophagy, since it keeps the blood flowing after the initial phlebotomy performed by the worm on the host's skin. |
| <b>Keywords</b>     | Hirudin; Hirudin 1; Lepirudin; Refludan  |