

### 32-9133: Recombinant *Hirudo medicinalis* Hirudin-1/Lepirudin (C-His)

**Alternative Name :** Hirudin-1; Lepirudin; Hirudin variant-1

#### Description

Source : *Pichia pastoris*;

Hirudin is a secreted protein that belongs to the protease inhibitor I14 (hirudin) family. Hirudin is a potent thrombin-specific protease inhibitor. It forms a stable non-covalent complex with alpha-thrombin, thereby abolishing its ability to cleave fibrinogen. In nature, Hirudin is found in the salivary glands of *Hirudo medicinalis* that has a blood anticoagulant property. Hirudin can be used to treat heparin-induced thrombocytopenia.

#### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Supplied as a 0.2 µm filtered solution of PBS pH7.4

**Amino Acid :** Recombinant *Hirudo medicinalis* Hirudin-1 is produced by *Pichia pastoris*. The target gene encoding Y3-Q65 is expressed with a 6His tag at the C-terminus.