

Hirudin Active Protein

Recombinant Hirudin

CATALOG #
AAA10836

PRODUCT SYNONYMS

Hirudin; Recombinant Hirudin; Hirudin Recombinant; Hirudin active protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 96.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	Each mg of protein was lyophilized from a sterile solution containing 20mM PBS pH-7 and 2% mannitol.
Sequence Length	65
Source	Pichia Pastoris.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Biological Activity	The specific activity was found to be $\geq 10,000$ ATU/mg.
Solubility	It is recommended to reconstitute the lyophilized Hirudin in sterile 18M Omega -cm H ₂ O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized Hirudin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Hirudin should be stored at 4°C between 2-7 days and for future use below -18 °C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for Hirudin active protein	Description: Recombinant Hirudin is derived from yeast and the polypeptide chain contains 65 amino acids and its Mw is 6979.5 Dalton which is identical to natural Hirudin except for the substitution of leucine for isoleucine at the N-terminal end of the molecule and the absence of a sulfate group on the tyrosine at position 63. The Recombinant Hirudin is purified by proprietary chromatographic techniques.
Product Categories/Family for Hirudin active protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	1568248
NCBI Official Full Name	hirudin

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.