

Product Datasheet

Recombinant Hirudin Protein

NBP2-34956-0.1mg

Unit Size: 0.1 mg

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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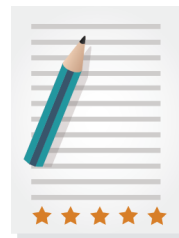
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NBP2-34956-0.1mg**Recombinant Hirudin Protein**

Product Information	
Unit Size	0.1 mg
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	2% Mannitol
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL. Apportion stock solutions into working aliquots and store at <-20C.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered solution of 20 mM PBS, pH 7.0.
Target Molecular Weight	6.7 kDa

Product Description	
Description	<p>A single, non-glycosylated polypeptide chain corresponding to 63 amino acid residues of Hirudin.</p> <p>Source: <i>Pichia Pastoris</i></p> <p>Amino Acid Sequence: VVYTDCTESG QNLCLCEGSN VCGQGKNCIL GSDGEKNQCV TGEGLPGPQS HNDGDFEEPE EYL</p>
Details of Functionality	The biological activity is determined by chromogenic assay, 1 unit is defined as the amount of Hirudin that neutralizes 1 unit of the WHO preparation 89/588 of thrombin. The specific activity is no less than 14,000 ATU/mg protein.
Endotoxin Note	Less than 1 EU/ug of Hirudin as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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