

# Recombinant Hirudo medicinalis (Medicinal leech) Hirudin variant-1

Catalog No: #AP72995

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Package Size: #AP72995-1 20ug #AP72995-2 100ug #AP72995-3 1mg

## Description

Product Name	Recombinant Hirudo medicinalis (Medicinal leech) Hirudin variant-1
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-65aaSequence Info:Full Length
Accession No.	P01050
Uniprot	P01050
Calculated MW	9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	VVYTDCTESGQNLCLCEGSNVCGQGKNCILGSDGEKNQCVTGEGTPKPKQSHNDGDFEEIPEEYLQ
Formulation	Tris-based buffer50% glycerol
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.</p>

## Background

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.

## References

The complete amino acid sequence of hirudin, a thrombin specific inhibitor. Application of colour carboxymethylation.Dodt J., Mueller H.-P., Seemueller U., Chang J.-Y.FEBS Lett. 165:180-183(1984)Research Topic:Others

Note: This product is for in vitro research use only