

## VLCTLP Protein, Macrovipera lebetina, Recombinant (hFc)

### General Information

Synonyms:	Chymotrypsin-like protease VLCTLP; Vipera Lebetina with chymotrypsin-like proteolytic activity; Snake venom serine protease (SVSP)
Protein Construction:	25-257 aa
Species:	Macrovipera lebetina
Expression Host:	HEK293 Cells
Accession:	E0Y421
Molecular Weight:	54.5 kDa (Predicted)
AA Sequence:	VVGGDECNINEHRSLVFLYNSSFGCGGTLINQQWVLSAAHCDMENVQIYLGLHNLRLRNQDEQIRVAEEKFF CLSNKSYTKWDKDIMLIRLNSSVTYNTHIAPLSLPSSPPRVGSVCRIMGWGAITSPNETFPNVPHCANINILRYS VCRAAYRGLPAQSRTLCAgilQGGIGSCMGDSGGPLICNGEIQIVSWGDDICAQPHKPVHYTKVFDYSDWIQ SIIAGNTTATCPL

### QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 95% as determined by SDS-PAGE.
Endotoxin:	Not tested.
Formulation:	Lyophilized from PBS, 6% Trehalose, pH 7.4

### Preparation and Storage

#### Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 156 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

**This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use**

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481