

OriGene Technologies Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES

Phone: +1-858-888-7900 Fax: +1-858-888-7904 <u>US-info@acris-antibodies.com</u>

AR10505PU-N OriGene EU

Acris Antibodies GmbH

Schillerstr. 5 32052 Herford GERMANY

Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

Eledoisin - Purified

Catalog No.: AR10505PU-N

Quantity: 20 mg

Concentration: 1.0 mg/ml (prior to lyophil.)

Background: Eledoisin is an undecapeptide formed in the venom gland of several species of octopuses

and is used as a vasodilator and a contraction agent of extravascular smooth muscle.

Source: Synthetic

Format: State: Sterile Filtered White lyophilized (freeze-dried) protein without additives

Purity: > 98.0% as determined by RP-HPLC and SDS-PAGE analysis

Reconstitution: Restore in sterile $18M\omega$ -cm H_2O not less than $100 \mu g/ml$, which can then be

further diluted to other aqueous solutions.

Description: Molecular Weight: 1188.4 Da

Molecular Formula: C54H85N13O15S

AA Sequence:

Glp-Pro-Ser-Lys-Asp-Ala-Phe-Ile-Gly-Leu-Met-NH₂

Storage: Prior to reconstitution store at 2-8°C for one month or desiccated below -18°C.

Following reconstitution store undiluted at 2-8°C for one month

or (in aliquots) at -20°C for longer.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Avoid repeated freezing and thawing. Shelf life: one year from despatch.