

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



ECP (V151) Peptide

Cat No.: BS2876P

Background

ECP (eosinophil cationic protein), also known as RNS3 or RNASE3 (ribonuclease, RNase A family, 3), is a 160 amino acid potent cytotoxic secretory protein that belongs to the pancreatic ribonuclease family. ECP localizes to the granule matrix of the eosinophil and is involved in the immune response system. ECP is a cytotoxin, neurotoxin and helminthotoxin that is secreted by activated human eosinophils. ECP exhibits anti-parasitic, anti-bacterial and ribonucleolytic activities. It has been suggested that ECP induces the neurotoxic effect known as the Gordon phenomenon, a syndrome manifested by ataxia, muscular rigidity, paralysis and tremor that may lead to death. ECP is considered a marker of eosinophilic inflammation and high levels have been found in cases of active asthma and other allergic diseases.

Swiss-Prot

P12724

Applications

Blocking

Specificity

This peptide can be used with studies using BS2876 ECP (V151) pAb.

Purification & Purity

Synthetic peptide ECP (V151). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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