

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



GGH (K287) Peptide

Cat No.: BS3864P

Background

GGH (gamma-glutamyl hydrolase), also known as GH or Gamma-Glu-X carboxypeptidase, is a 318 amino acid protein that is secreted into the extracellular space and is also localized to both the lysosome and the melanosome. Functioning as a hydrolase, GGH contains one gamma-glutamyl hydrolase domain through which it catalyzes the hydrolysis of polyglutamate sidechains from pteroylpolyglutamates, specifically hydrolyzing gamma-glutamyl bonds. Via its catalytic activity, GGH may play a role in the bioavailability and metabolic activity of pteroylpolyglutamates. Polymorphisms in the gene encoding GGH are associated with rheumatoid arthritis, inflammatory bowel disease and various cancers.

Swiss-Prot

Q92820

Applications

Blocking

Specificity

This peptide can be used with studies using BS3864 GGH (K287) pAb.

Purification & Purity

Synthetic peptide GGH (K287). (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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