

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



UDG (H221) Peptide

Cat No.: BS2465P

Background

The human UNG-gene encodes nuclear (UNG2) and mitochondrial (UNG1) forms of uracil-DNA glycosylase using differentially regulated promoters, PA and PB, and alternative splicing to produce two proteins with unique N-terminal sorting sequences. Uracil in DNA may result from deamination of cytosine which can give rise to transition mutations. Uracil-DNA glycosylase is the DNA repair enzyme responsible for the removal of uracil from DNA. This is probably a biologically important function in the prevention of mutagenesis resulting from cytosine deamination. UNG2 removes misincorporated dUMP residues.

Swiss-Prot

P13051

Applications

Blocking

Specificity

This peptide can be used with studies using BS2465 UDG (H221) pAb.

Purification & Purity

Synthetic peptide UDG (H221). (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.

Bioworld Technology, Inc.
1660 South Highway 100, Suite 500 St. Louis Park, MN
55416, USA. Email: info@bioworlde.com
Tel: 6123263284 Fax: 6122933841

Bioworld technology, co, Ltd.
No 9, weidi road Qixia District Nanjing, 210046,
P, R.China. Email: info@biogot.com
Tel: +86-025-68037686 Fax: +86-025-68035151