



## **DPYD Blocking Peptide (C-Term)**

Synthetic peptide Catalog # BP22058b

### **Specification**

**DPYD Blocking Peptide (C-Term) - Product Information** 

Primary Accession <u>Q12882</u> Other Accession <u>Q5R895</u>

DPYD Blocking Peptide (C-Term) - Additional Information

**Gene ID 1806** 

#### **Other Names**

Dihydropyrimidine dehydrogenase [NADP(+)], DHPDHase, DPD, 1.3.1.2, Dihydrothymine dehydrogenase, Dihydrouracil dehydrogenase, DPYD

### **Target/Specificity**

The synthetic peptide sequence is selected from aa 861-875 of HUMAN DPYD

### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

#### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

#### **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**DPYD Blocking Peptide (C-Term) - Protein Information** 

## Name DPYD

#### **Function**

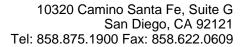
Involved in pyrimidine base degradation. Catalyzes the reduction of uracil and thymine. Also involved the degradation of

# DPYD Blocking Peptide (C-Term) - Background

Involved in pyrimidine base degradation. Catalyzes the reduction of uracil and thymine. Also involved the degradation of the chemotherapeutic drug 5-fluorouracil.

## **DPYD Blocking Peptide (C-Term) - References**

Yokota H.,et al.J. Biol. Chem. 269:23192-23196(1994). Johnson M.R.,et al.Cancer Res. 57:1660-1663(1997). Ogura K.,et al.Cancer Lett. 122:107-113(1998). Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004).





the chemotherapeutic drug 5-fluorouracil.

**Cellular Location** Cytoplasm.

**Tissue Location** 

Found in most tissues with greatest activity found in liver and peripheral blood mononuclear cells

# **DPYD Blocking Peptide (C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides