

Recombinant Human DPYD

Catalog No: #GP12408



Package Size: #GP12408-1 100ug

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Description

Product Name	Recombinant Human DPYD
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	dihydropyrimidine dehydrogenase
Other Names	DHP; DPD; DHPDHASE
Accession No.	Swissprot:Q12882Gene Accession:BC008379
Uniprot	Q12882
GeneID	1806;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a pyrimidine catabolic enzyme and the initial and rate-limiting factor in the pathway of uracil and thymidine catabolism. Mutations in this gene result in dihydropyrimidine dehydrogenase deficiency, an error in pyrimidine metabolism associated with thymine-uraciluria and an increased risk of toxicity in cancer patients receiving 5-fluorouracil chemotherapy. Two transcript variants encoding different isoforms have been found for this gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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