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Product Datasheet

Recombinant human Thymidylate synthase/TYMS protein NBS-PAT-GXTAWE-100

Article Name	Recombinant human Thymidylate synthase/TYMS protein
Biozol Catalog Number	NBS-PAT-GXTAWE-100
Supplier Catalog Number	PAT-GXTAWE-100
Alternative Catalog Number	NBS-PAT-GXTAWE-100
Manufacturer	Nordic BioSite
Category	Proteine/Peptide
Application	EP
Species Reactivity	Human
Product Description	Thymidylate synthase is an intracellular enzyme critical for de novo synthesis of DNA. This function maintains the dTMP (thymidine-5-prime monophosphate) pool critical for DNA replication and repair. In cancer, expression of this protein is often ele...
Concentration	1 mg/ml
Molecular Weight	37.8 kDa (333aa) confirmed by MALDI-TOF
Tag	HIS Tag
NCBI	7298
UniProt	P04818
Buffer	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.1 M NaCl.
Purity	>95%

Sequence

MGSSHHHHH SSGLVPRGSH MPVAGSELPR RPLPPAAQER
DAEPRPPHGE LQYLGQIQHI LRCGVRKDDR TGTGTLVFG MQARYSLRDE
FPLTTKRVF WKGVLEELLW FIKGSTNAKE LSSKGVKIWD ANGSRDFLDS
LGFSTREEGD LGPVYGFQWR HFGAEYRDME SDYSGQGVDQ
LQRVIDTIKT NPDDRRIIMC AWNPRDLPLM ALPPCHALCQ FYVVNSELSC
Q