

Product datasheet for TP511476

Dpyd (NM_170778) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dihydropyrimidine dehydrogenase (Dpyd), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211476 representing NM_170778 Red=Cloning site Green=Tags(s)

MAGVLSRDAPDIESILALNPRVQAHATLRSTAACKLDDKKHWKRNTDKNCFTCEKLESNFDDIKHTTLGER
GALREAVRCLKCADAPCQKSCPTSLDIKSFITSIANKNYYGAAKLIFSDNPLGLTCGMVCPTSDLCVGGC
NLHAAEEGPNIGGLQQFATEVFKAMNIPQIRNPSLPPPEHMPEAYSAKIALFGAGPASISCASFLARLG
YSNITIFEKQEYVGGSTSEIPQFRLPYDVVNFEIELMKDLGVKIIICGKSLSTDEMTLSSLKENG YRAAF
IGIGLPEPKKDHFQGLTQVQGFYTSKDFLPLVAKSSKTGMCACHSPLPSIRGAVIVLGAGDTAFDCATS
ALRCGALRVFIVFRKGFVNIRAVPEEMELAKEEKCEFLPFLSPRKVIVKDGKIVAMQFVRTEQDETGNWV
EDEEQTVRLKADVVISAFGSVLEDPKVKEALSPIKFNRWGLPEVNPETMQTSEPVWFAGGDVWGMANTTV
ESVNDGKQASWYIHKHIQAQYGTSVPSQPTMPLFYTPVDLVDISVEMAGLRFNPFGLASATPATSTPMI
RRAFEAGWGFALTKTFSLDKDIVTNVSPRIIRGTTSGPLYGPGQSSFLNIELISEKTAAYWCHSVTELKA
DFPDNILIASIMCSYNKSDWMELSKMAEASGADALELNLSCPHGMGERGMGLACGQDPELVRNICRWVRQ
AVRVPFFAKLTPNVTDIVSIARAAGEGADGVTATNTVSGLMGLKADGTPWPAVGIGRRTTYGGVSGTAI
RPIALRAVTAIARALPGFPILATGGIDSAESGLQFLHSGASVLQVCSAIQNQDFTVIEDYCTGLKALLYL
KSIEELADWDGQSPPIISHQKGPVPRVAELMGQKLP SFGPYLEQRKKIAASKIRQKDQNTACSP LQRK
HFNSQKPIPAIKDVIGKSLQYLGTGFGEMSIMEQVVALIDEEMCINC GKCYMTCNDSGYQAIQFDPETHLP
TVSDTCTGCTLCLSVCPIMDCIRMVSRATPYQPKRGLPLAVKPVK

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	111.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_740748
Locus ID:	99586
UniProt ID:	Q8CHR6
RefSeq Size:	4437
Cytogenetics:	3 G1
RefSeq ORF:	3075
Synonyms:	AI315208; DPD; E330028L06Rik
Summary:	Involved in pyrimidine base degradation. Catalyzes the reduction of uracil and thymine (By similarity).[UniProtKB/Swiss-Prot Function]