

Product datasheet for TP506492

Bckdk (NM_009739) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse branched chain ketoacid dehydrogenase kinase (Bckdk), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206492 protein sequence Red=Cloning site Green=Tags(s)
	MILTSVLGSGPRSWSSLWPLLGSSLSLRARSTSATDTHHVELARERSKTVTSFYNQSAIDVAAEKPSVRL TPTMMLYSGRSQDGSLLKSGRYLQQELPVRIAHRIKGFRLPFIIGCNPTILHVHELIVYRAFQKLTDFP PIKDQADEAQYQQLVLRQLDDHKDVVTLAEGLRERKHIQDEKLVRYFLDKTLTSRLGIRMLATHHLAL HEDKPDFVGIICTRLSPKKIIEKWVDFARRLCEHKYGNAPRVRINGHVAARFPFIPMPLDYILPELLKNA MRATMESHLDTPYNVPDVVITIANNDIDLIRISDRGGGIAHKDLDRVMDYHFTTAEASTQDPRINPLFG HLDMHSGGQSGPMHGFGLPTS RAYAEYLGGSLLQSLQIGIGTDVYLRRLRHIDGREESFRI
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	46.6 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
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_033869
Locus ID:	12041
UniProt ID:	O55028 , Q3UCB5



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RefSeq Size: 2857

Cytogenetics: 7 F3

RefSeq ORF: 1239

Synonyms: AI327402

Summary: Catalyzes the phosphorylation and inactivation of the branched-chain alpha-ketoacid dehydrogenase complex, the key regulatory enzyme of the valine, leucine and isoleucine catabolic pathways. Key enzyme that regulate the activity state of the BCKD complex. [UniProtKB/Swiss-Prot Function]