

Product datasheet for TP505716

Psat1 (NM_177420) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphoserine aminotransferase 1 (Psat1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205716 representing NM_177420 Red =Cloning site Green =Tags(s)
	<p>MEATKQVWNFGPGPAKLPHSVLLEIQKQLLDYRGLGISVLEMSHRSSDFAKIIGNTENLVRELLAVPNNY KVIFVQGGGSGQFSVPLNLI LKAGRSADYVVTGAWSAKAAEEAKKFGTVNIVHPKLGSYTKIPDPSTW NLNPDASYVYFCANETVHGVEFDVFPDVKGAVLVCDMSSNFLSRPVDVSKFGVIFAGAQNKVGSAQVTV IVRDDLLGFSLRECPSVLDYKQAGNNSLYNTPPCFSIYVMGMVLEWIKNNGGAAAMEKLSSIKSQMIYE IIDNSQGFYVCPVERQNRSRMNIPFRIGNAKGDEALEKRFLDKAVELNMISLKGHRVGGIRASLYNAV TEDVEKLAAFMKNFLEMHQL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	40.9 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_803155
Locus ID:	107272
UniProt ID:	Q99K85 , Q543K5



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RefSeq Size:	2172
Cytogenetics:	19 10.86 cM
RefSeq ORF:	1110
Synonyms:	D8Ertd814e; EPIP; PSA; Psat
Summary:	Catalyzes the reversible conversion of 3-phosphohydroxypyruvate to phosphoserine and of 3-hydroxy-2-oxo-4-phosphonooxybutanoate to phosphohydroxythreonine.[UniProtKB/Swiss-Prot Function]