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PSAT1, 1-370aa, Human, His tag, E.coli

产品货号: TP03555

第三版

别名: Phosphoserine aminotransferase, EPIP, PSA, PSAT.

描述: PSAT1, also known as phosphoserine aminotransferase, catalyses the conversion of 3-phosphohydroxypyruvate into 3-phosphoserine which is dephosphorylated subsequently by phosphoserine phosphatase to form L-serine. Recombinant human PSAT1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

分子量: 42.9 kDa (394aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMDAPRQVVNFGPGPAKLPHSVLLEIQKELLDYKGVGISVLEMHRSSDFAKIINNT
ENLVRELLAVPDNYKVIFLQGGGCGQFSAVPLNLIGLKAGRCADYVVTGAWSAKAAEEAKKFGTINIVHPKLGSYTKIPDP
STWNLNPDASYVYYCANETVHGVEFDVIPDVKGAVLVCDMSSNFLSKPVDVSKFGVIFAGAQNVSAGVTVVIVRDDL
LGFALRECPVLEYKVQAGNSSLYNTPPCFSIYVMGLVLEWIKNNGGAAAMEKLSSIKSQTIYEIIDNSQGFYVCPVEPQNR
KMNIPFRIGNAKGDDALEKRFLDKALELNMLSLKGHRVGGIRASLYNAVITIEDVQKLAAFMKKFLEMHQL

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.