

PSAT1 Protein, Human (His)

| | |
|--------------------------|--|
| Cat. No.: | HY-P78999 |
| Synonyms: | Phosphoserine aminotransferase; PSAT1; Phosphohydroxythreonine aminotransferase; PSAT; PSA; Phosphoserine Aminotransferase 1 |
| Species: | Human |
| Source: | E. coli |
| Accession: | Q9Y617-1 (M1-L370) |
| Gene ID: | 29968 |
| Molecular Weight: | Approximately 40 kDa |

PROPERTIES

| | |
|--------------------------------|--|
| AA Sequence | <pre> MDAPRQVVNF GPGPAKLPHS VLLEIQKELL DYKGVGISVL EMSHRSSDFA KIIINNTENLV REL LAVPDNY KVI FLQGGGC GQFS AVPLNL IGLKAGRCAD YVVTGAWSAK A AEEAKKFGT INIVHPKLG S YTKIPDPSTW NLNPDASYVY YCANETVHGV EFD FIPDVKG AVLVC DMSSN FLSKPVDVSK FGVIFAGA QK NVGSAGVTVV IVRDDL LGFA LRECPSVLEY KVQAGNSSLY NTPPCF S IYV MGLVLEWIKN N GGAAAMEKL SSIKSQTIYE IIDNSQGFYV CPVEPQNRSK MNIPFRIGNA KGDDALEKRF LDKALELNML SLKGHR SVGG IRASLYNAV T IEDVQKLA AF M K K F L E M H Q L </pre> |
| Biological Activity | Measured by its ability to produce 3-phospho oxypyruvate. The specific activity is >130 pmol/min/μg. |
| Appearance | Solution |
| Formulation | Supplied as a 0.2 μm filtered solution of 50 mM Tris-HCL, 300 mM NaCl, pH 8.0. |
| Endotoxin Level | <1 EU/μg, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose). |
| Storage & Stability | Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles. |
| Shipping | Shipping with dry ice |

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA