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Thiosulfate sulfurtransferase, 1-297 aa, Human, E.coli

产品货号: TP04206

第三版

别名:RDS, TST, Rhodanese , Thiosulfate Sulfurtransferase

描述:Thiosulfate sulfurtransferase (TST), also known as Rhodanese, is a mitochondrial enzyme that involved in cyanide detoxification and the modification of sulfur-containing enzymes. This protein contains two highly conservative domains, known as rhodanese homology domains. In mammals, most cyanide is converted to thiocyanate by this enzyme. TST also has weak mercaptopyruvate sulfurtransferase activity. Recombinant TST protein was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.

分子量:35.6 kDa (317aa), confirmed by MALDI-TOF.

序列:

MGSSHHHHHSSGLVPRGSHMVHQVLYRALVSTKWLAESIRTGKLGPLRVLDASWYSPGTREARKEYLERHVPGASFF
DIEECRDTASPYEMMLPSEAGFAEYVGRGISNHTHVVVYDGEHLGSFYAPRVWWMFRVFGHRTVSVLNGGFRNWLKE
GHPVTSEPSRPEPAVFKATLDRSLLKTYEQVLENLESKRFLVDSRSQGRFLGTEPEPDAVGLDSGHIRGAVNMPFMDFLTE
DGFEKGPEELRALFQTKKVDLSQPLIATCRKGV TACHVALAAYLCGKPDVAVYDGSWSEWFRRAPPESRVSQ GKSEKA

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.