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TPST1, 26-370aa, Human, His tag, E.coli

产品货号: TP04293

第三版

别名:Protein-tyrosine sulfotransferase 1, TANGO13A.

描述:TPST1 also known as protein-tyrosine sulfotransferase 1. Tyrosylprotein Sulfotransferase is the enzyme that catalyzes the sulfation reaction of protein tyrosines, a post-translational modification of proteins. It utilizes 3'-Phosphoadenosine-5'-phosphosulfate (PAPS) as the sulfonate donor and binds proteins with target tyrosine residues to eventually form the tyrosine O-sulfate ester group and the desulfonated 3' -phosphoadenosine-5' -phosphate (PAP). Recombinant human TPST1 fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol.

分子量:42kDa (369aa)

序列:

MGSSHHHHHSSGLVPRGSHTGSMQHAMECHHRIEERSQPVKLESTRRTTVRTGLDLKANKTFAYHKDMPLIFIGGVPRS
GTTLMRAMLDAHPDIRCGEETRVIPRILALKQMWSRSSKEKIRLDEAGVTDEVLDSAMQAFLEIIVKHGEPAPYLCNKDP
FALKSLTYLSRLFPNAKFLLMVRDGRASVHSMISRKVTIAGFDLNSYRDCLTKWNRAIETMYNQCMVEVGYKKCMLVHVE
QLVLHPERWMRTLLKFLQIPWNHSLVHHEEMIGKAGGVSLSKVERSTDQVIKPVNVGALS KWVVGKIPPDVLQDMAVIAP
MLAKLGYDPYANPPNYGKPDPKIIENTRRVYKGEFQLPDFLKEKPQTEQVE

纯度:> 95% by HPLC

浓度:1mg/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.