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TPST1, 26-370aa, Human, His tag, Baculovirus

产品货号: TP04292

第三版

别名:Protein-tyrosine sulfotransferase 1, TANGO13A

描述:TPST1, also known as protein-tyrosine sulfotransferase 1, 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 C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:40.6kDa (354aa), 40-57KDa (SDS-PAGE under reducing conditions.)

序列:

ADPQHAMECHHRIEERSQPVKLESTRTTVRTGLDLKANKTFAYHKDMPLIFIGGVPRSGTTLMRAMLD AHPDIRCGEETR
VIPRILALKQMWSRSSKEKIRLDEAGVTDEVLDSAMQAFLEIIVKHGEPAPYLCNKDPFALKSLTYLSRLFPNAKFLLMVRD
GRASVHSMISRKVTIAGFDLNSYRDCLTKWNRAIETMYNQCMVEGVYKKCMLVHYEQLVLHPERWMRTLLKFLQIPWNH
SVLHHEEMIGKAGGVSLSKVERSTDQVIKPVNVGALSKWVGKIPPDVLQDMAVIAPMLAKLGYDPYANPPNYGKDPDKII
ENTRRVYKGEFQLPDFLKEKQPTEQVEHHHHHH

纯度:> 95% by HPLC

浓度:0.25mg/ml (determined by Absorbance at 280nm)

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.