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TPST2, 26-377aa, Human, His tag, Baculovirus

产品货号: TP04294

第三版

别名:Protein-tyrosine sulfotransferase 2, TANGO13B

描述:TPST2, also known as protein-tyrosine sulfotransferase 2, is the enzyme that catalyzes the sulfation reaction of protein tyrosines, a post-translational modification of proteins. This protein is a type II integral membrane protein found in the Golgi body. Compared to TPST1, TPST2 has similar tissue distribution and overlapping substrate specificity. In contrast to TPST1^{-/-} males with normal fertility in mice, TPST2^{-/-} males are infertile due to severe defects in sperm motility. Recombinant human TPST2, 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:40.4kDa (361aa), 40-57KDa (SDS-PAGE under reducing conditions.)

序列:

ADPQQVLECRVLAGLRSPRGAMRPEQEELVMVGTNHVEYRYGKAMPLIFVGGVPRSGTTLMRAMLDAHPEVRCGEET
RIIPRVLAMRQAWKSGREKLRLEAGVTDEVLDAAMQAFILEVIAKHGEPARVLCNKDPFTLKSSVYLSRLFPNSKFLLMV
RDGRASVHSMITRKVTIAGFDLSSYRDCLTKWNKAIEVMYAQCMEVGKEKCLPVYYEQLVLHPRRSLKLILDFLGIAWSD
AVLHHEDLIGKPGGVSLSKIERSTDQVIKPNLEALSKWTGHIPGDVVRDMAQIAPMLAQLGYDPYANPPNYGNPDPFVI
NNTQRVLKGDKTPANLKG YFQVNQNSTSSHLGSSHHHHH

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.