

Recombinant Human Protein-tyrosine sulfotransferase 2(TPST2)

Catalog No: #AP70878

Package Size: #AP70878-1 20ug #AP70878-2 100ug #AP70878-3 1mg

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Description

Product Name	Recombinant Human Protein-tyrosine sulfotransferase 2(TPST2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:26-377aaSequence Info:Full Length
Other Names	Tyrosylprotein sulfotransferase 2 ;TPST-2
Accession No.	O60704
Calculated MW	55.3 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	QQVLECRVLAGLRSPRGAMRPEQEELVMVGTDHVEYRYGKAMPLIFVGGVPRSGTTLMRAMLDHPEVRC GEETRIIPRVLAMRQAWSKSGREKLRLDEAGVTDEVLDAAAMQAFLEVIKHEPARVLCNKDPFTLKSSVYLS RLFPNSKFLLMVRDGRASVHSMITRKVTIAGFDLSSYRDCLTKWNKAIEVMYAQCMEVGKEKCLPVYYEQLVL HPRRSLKLIDFLGIAWSDAVLHHEDLIGKPGGVSLSKIERSTDQVIKPVNLEALSKWTGHIPGDVVRDMAQIAP MLAQLGYDPYANPPNYGNPDPFVINNTQRVLKGDYKTPANLKGYPQVQNQNSTSSHLGSS
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Catalyzes the O-sulfation of tyrosine residues within acidic motifs of polypeptides.

References

Existence of distinct tyrosylprotein sulfotransferase genes molecular characterization of tyrosylprotein sulfotransferase-2.Beisswanger R., Corbeil D., Vannier C., Thiele C., Dohrmann U., Kellner R., Ashman K., Niehrs C., Huttner W.B.Proc. Natl. Acad. Sci. U.S.A. 95:11134-11139(1998)Research Topic:Cardiovascular

Note: This product is for in vitro research use only and is not intended for use in humans or animals.