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TPSAB1, 31-275aa, Human, His tag, E.coli

产品货号: TP04291

第三版

别名:Tryptase alpha/beta-1, TPS1, TPS2, TPSB1

描述:TPSAB1, also known as tryptase alpha/beta-1, is a tryptase that is the major neutral protease present in mast cells and is secreted upon the coupled activation-degranulation response of this cell type. It is enzymatically active only as a heparin-stabilized tetramer, and it is resistant to all known endogenous proteinase inhibitor. This protein has been implicated as mediators in the pathogenesis of asthma and other allergic and inflammatory disorders. Recombinant human TPSAB1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

分子量:30.1 kDa(270aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSHMIVGGQEAPRSKWPWQVSLRVHGPYWMHFCGGSLIHPQWVLTAHCVGPDV
KDLAALRVQLREQHLYYQDQLLPVSRIIVHPQFYTAQIGADIALLEEPVNVSSHVHTVTLPPASETFPPGMPCWVTGW
GDVDNDERLPPFPLKQVKVPIMENHICDAKYHLGAYTGDDVRIVRDDMLCAGNTRRDSCQGDSSGGLVCKVNGTDL
QAGVSWGEGCAQPNRPGIYTRVTTYLDWIHHYVPKKP

纯度:> 95% by HPLC

浓度:1.0 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.