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S100Z, 1-99aa, Human, His tag, E.coli

产品货号: TP03844

第三版

别名:Protein S100-Z, S100-zeta

描述:S100 calcium binding protein Z, also known as S100Z, is member of the S100 protein family. S100 proteins are small dimeric members of the EF-hand superfamily of Ca(2+) binding proteins thought to participate in mediating intracellular Ca(2+) signals by binding to and thereby regulating target proteins in a Ca(2+)-dependent manner. There are differences in the expression level of S100Z mRNA in various tissues.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 1mM EDTA, 50mM NaCl

分子量:13.7 kDa (119aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMPTQLEMAMDTMIRIFHRYSGKERKRFKLSKGELKLLLQRELTEFLSCQKETQLVDKIVQ  
DL DANKDNEVDFNEFVVMVAALTVACNDYFVEQLKKKGK

纯度:> 95% by HPLC

浓度:1 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.