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STEAP4, 1-152aa Human, His tag, E.coli

产品货号: TP04058

第三版

别名:tumor necrosis factor, alpha-induced protein 9, DKFZp666D049, FLJ23153, STAMP2, TIARP, TNFAIP9

描述:STEAP4 belongs to the STEAP (six transmembrane epithelial antigen of prostate) family, and resides in the golgi apparatus. It functions as a metalloredutase that has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+), using NAD(+) as acceptor. Studies in mice and human suggest that this gene maybe involved in adipocyte development and metabolism, and may contribute to the normal biology of the prostate cell, as well as prostate cancer progression. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Recombinant human STEAP4 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

分子量:20.6kDa (188aa)

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMEKTCIDALPLTMNSSEKQETVCIFGTGDFGRSLGLKML
QCGYSVVFGRNPQKTTLLPSGAEVLSYSEAAKSGIIIIAIIHREHYDFLTELVNGKILVDISNNLKINQYPESNAEYLAHL
VPGAHVVKAFNTISAWALQSGALDASRQ

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.