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TXNL1, 1-289aa, Human, His tag, E.coli

产品货号: TP04357

第三版

别名:Thioredoxin-like protein 1, TRP32, TxI, TXL-1, TXNL, Thioredoxin like protein 1, thioredoxin-like 1, txnl1

描述:TXNL1, also known as TRP32, TXL or TXL-1, is a cytoplasmic protein that participates in endocytotic signaling pathways and acts as a redox sensor. Expressed throughout the body, TXNL1 functions to couple oxidative stress to endocytosis, thereby regulating the GDI. Additionally, overexpression of TXNL1 inhibits cell proliferation by predisposing the cell to G0/G1 arrest, suggesting that TXNL1 also functions as a transcriptional repressor. Recombinant human TXNL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 20% glycerol

分子量:34.4 kDa (309aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMVGVPVGSDFQPELSGAGSRLAVVKFTMRGCGPCLRIAPAFSSMSNKYPQAVFLEV
DVHQCCGTAATNNISATPTFLFFRNKVRIDQYQGADAVGLEEKIKQHLENDPGSNEDTDIPKGYMDLMPFINKAGCECL
NESDEHGFNDCLRKDTTFLESDCDEQLLITVAFNQPVKLYSMKFQGPDNGQGPKYVKIFINLPRSMDFEEAERSEPTQALE
LTEDDIKEDGIVPLRYVKFQNVNSVTIFVQSNQGEETTRISYFTFIGTPVQATNMNDFKR VVGKKGESH

纯度:> 95% by HPLC

浓度:0.5 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.