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STAR, 64-285aa , Human, His tag E.coli

产品货号: TP04051

第三版

别名: Steroidogenic acute regulatory protein, mitochondrial,

描述: STAR, also known as steroidogenic acute regulatory protein, appears to mediate the rapid increase in pregnenolone synthesis stimulated by tropic hormones. It increases pregnenolone synthesis more than four-fold and a major STAR transcript of 1.6 kb is found in ovary and testis. During ongoing growth and differentiation of the follicle of the ovary, the immunoreactivity of it tends to shift from the granulosa cells of early antral follicles to the theca cell layers in the adult. Recombinant human STAR protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 2mM DTT

分子量: 27.1 kDa (243aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMEETLYSDQELAYLQQGEEAMQKALGILSNQEGWKKESQQDNGDKVMSKVVPDVGK
VFRLEVVDQPMERLYEELVERMEAMGEWNPVKEIKVLQKIGKDTFITHELAAEAAGNLVGPRDFVSVRCARRGSTC
VLGMATDFGNMPEQKGVIRAEHGPTCMVLHPLAGSPSKTKLTWLLSIDLKGWLPKSIINQVLSQTQVDFANHLRKRLES
HPASEARC

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.