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NCF4, 1-339 aa, Human, His tag, E.coli

产品货号: TP03106

第三版

别名: Neutrophil cytosol factor 4, NCF, P40PHOX, SH3PXD4.

描述: NCF4 is a cytosolic regulatory of the superoxide-producing phagocyte NADPH-oxidase, a multicomponent enzyme system important for host defense. This protein is preferentially expressed in cells of myeloid lineage. It interacts primarily with neutrophil cytosolic factor 2 (NCF2/p67-phox) to form a complex with neutrophil cytosolic factor (NCF1/p47-phox), which further interacts with the small G protein RAC1 and translocates to the membrane upon cell stimulation.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

分子量: 41.1 kDa (359aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAVAQQLRAESDFEQLPDDVAISANIADIEEKRGFTSHFVVFVIEVKTKGGSKYLIYRRYRQ
FHALQSKLEERFGPDSKSSALACTLPTLPAKVYVGVKQEIAEMRIPALNAYMKSLLSLPVWVLMDEDVRIFFYQSPYDSEQV
PQALRRLRPRTRKVKSVSPQGNSVDRMAAPRAEALFDFTGNSKLELNFKAGDVIFLLSRINKDWLEGTVRGATGIFPLSFVK
ILKDFPEEDDPTNWLRCYYYEDTISTIKDIAVEEDLSSTPLLKDLLELTRREFQREDIALNYRDAEGDLVRLSDEDVALMVR
QARGLPSQKRLFPWKLHITQKDNYRVYNTMP

纯度: > 95% by HPLC

浓度: 1 mg/ml

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.