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NRF2, 1-605aa, Human, His tag, E.coli

产品货号: TP03196

第三版

别名:Nuclear factor (erythroid-derived 2)-like 2, NFE2L2

描述:Nuclear factor (erythroid-derived 2)-like 2, also known as NRF2, is bZIP transcription factors that heterodimerize with Maf proteins to bind Mare sequences. The NRF proteins also bind the antioxidant response element (ARE) and are implicated in the regulation of detoxification enzymes and the oxidative stress response. NRF2 is widely expressed and is thought to translocate to the nucleus after treatment with xenobiotics and antioxidants, which stimulate its release from its repressor protein, Keap1. Recombinant human NRF2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate buffer saline (pH 7.4) containing 10% glycerol

分子量:69.9kDa (625aa)

序列:

MGSSHHHHHSSGLVPRGSHMMDLELPPGPLSQQDMDLIDILWRQDIDLGVSRVDFDFSQRRKEYELEKQKKLEKERQ
EQLQKEQEKAFFAQLQLDEETGEFLPIQPAQHIQSETSGSANYSQVAHIPKSDALYFDDCMQLLAQTFFVDDNEVSSATF
QSLVPDIPGHIESPVFIATNQAQSPETSVAQVAPVDLDGMQQDIEQVWEELLSIPELQCLNIENDKLVETTMVPSPEAKLTE
VDNYHFYSSIPSMKEVGNCSPHFLNAFEDSFSSILSTEDPNQLTVNSLNSDATVNTDFGDEFYSAFIAEPSISNSMPSATLSH
SLSELLNGPIDVSDLSLCKAFNQNHPSTAEFNDSDSGISLNTSPSVASPEHSVESSYGD TLLGLSDSEVEELDSAPGSVKQNG
PKTPVHSSGDMVQPLSPSQGQSTHVHDAQCENTPEKELPVSPGHRKTPFTKDKHSSRLEAHLTRDELRAKALHIPFPVEKII
NLPVVDFNEMMSKEQFNEAQLALIRDIRRRGKNKVAQNCRKRKLENIVELEQDLDHLKDEKEKLLKEKGENDKSLHLL
KKQLSTLYLEVFSMLRDEDGKPYSPSEYSLQQTRDGNVFLVPKSKKPDVKKN

纯度:> 95% by HPLC

浓度:0.25 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.