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TCF4, 1-507aa, Human, His-tag, Baculovirus

产品货号: TP04169

第三版

别名: Transcription factor 4 isoform I, TCF4, bHLHb19, E2-2, FECD3, ITF-2, ITF2, PTHS, SEF-2, SEF2, SEF2-1, SEF2-1A, SEF2-1B, SEF2-1D, TCF-4.

描述: TCF4, as known as transcription factor 4 isoform I, is a protein acting as a transcription factor. This protein will bind to the immunoglobulin enhancer mu-E5/kappa-E2 motif. Also, it activates transcription by binding to the E-box (5'-CANNTG-3') found usually on SSTR2-INR, or somatostatin receptor 2 initiator element. This protein is found in the central nervous system, somites, and gonadal ridge during early development. Later in development it will be found in the thyroid, thymus, and kidneys while in adulthood it is found in lymphocytes, muscles, and gastrointestinal system. Recombinant human TCF4, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 54.9kDa (513aa), 35-100kDa (SDS-PAGE under reducing conditions.)

序列:

MKFKQCRCSDTGLCCLDHEGKAEVYAPSASTADYNRDSPGYPSSKPATSTFPSSFFMQDGHSSDPWSSSSGMNQPGYAG
MLGNSSHIPQSSSYCSLHPHERLSYPSSHSSADINSSLPPMSTFHRSGTNHYSTSSCTPPANGTDSIMANRGSGAAGSSQTGDA
LGKALASIYSPDHTNNSFSSNPSTPVGSPPSLSAGTAVWSRNGGQASSPNYEGPLHSLQRSIEDRLERLDDAIHVLRNHAVG
PSTAMPGGHGDMDHGIIGPSHNGAMGGLGSGYGTGLLSANRHSLMVGTHREDGVALRGSHLLPNQVPVPQLPVQSATS
PDLNPPQDPYRGMPPGLQGQSVSSGSSEIKSDDEGDENLQDTKSSDKLDDDKDIKSITSNNDDEDLTPEQKAEREKER
RMANNARERLRVRDINEAFKELGRMVQLHLKSDKPQTKLLILHQAVAVILSLEQQVRERNLNPKAACLKRREEEKVSSEPP
PLSLAGPHPGMGDASNHMGQMHHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

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.