

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

SMAD4, 1-552aa, Human, His tagged, Recombinant, E.coli

产品货号: TP03967

第三版

别名: Mothers against decapentaplegic homolog 4, SMAD family member 4, DPC4, JIP, MADH4, SMAD4, Mothers against decapentaplegic homolog 4 (Small) Mothers Against Decapentaplegic, Deleted in Pancreatic Carcinoma, Deleted in pancreatic carcinoma locus 4

描述: SMAD4 belongs to the SMAD family of proteins that mediate signal transduction by the TGF-beta/activin/BMP-2/4 cytokine superfamily from receptor Ser/Thr protein kinases at the cell surface to the nucleus. SMAD4 promotes the binding of the SMAD2/SMAD4/FAST-1 complex to DNA and provides the function of activation required for SMAD1 or SMAD2 to stimulate transcription and may also act as a tumor suppressor. Recombinant SMAD4 protein was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol

分子量: 62.6 kDa (572 aa)

序列:

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MGSSHHHHHSSGLVPRGSHMDNMSITNTPTSNDACLIVHSLMCHRQGGSETFAKRAIESLVKKLKEKKDELDSLITAI
TTNGAHPKCVTIQRTLDGRLQVAGRKGFPVHIYARLWRWPD LHKNELKHVKYCQYAFDLKCDVSNPYHYERVVSP
GIDL SGLTLQSNAPSSMMVKDEYVHDFEGQPSLSTEGHSIQTIQHPPSNRASTETYSTPALLAPSES NATSTANFPNIPVASTS
QPASILGGSHSEGLLQIASGPQPGQQNGFTGQPATYHHNSTTTWTGSR TAPYTPNLPHHQNGHLQHHPMPPPHGHY
WPVHNELAFQPPISNHPAPEYWCSIA YFEMDVQVGETFKVPSSCPIVTV DGYVDPSGGDRFCLGQLSNVHRTEAIERARL
HIGKGVQLECKGEGDVWVRCLSDH AVFVQSYLDREAGRAPGDAVHKIYPSAYIKVFDLRQCHRQMQQQAATAQAAA
AAQAAAVAGNIPGPGSVGGIAP AISLSAAAGIGVDDLRLRLCILRMSFVKGWGPDYPRQSIKETPCWIEIHLHRALQLLDEVL
HTMPIADPQPLD
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纯度: > 95% by HPLC

浓度: 1 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.