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SMAD3, 1-425 aa, Human, His-tag, E.coli

产品货号: TP03966

第三版

别名:HSPC193, HsT17436, JV15-2, MADH3, Mothers against decapentaplegic homolog 3 DKFZP586N0721, DKFZp686J10186, hMAD 3, hSMAD3, MAD (mothers against decapentaplegic Drosophila) homolog 3, HST17436, JV15 2, JV152, MAD3, MADH 3, MGC60396

描述:SMAD3, also known as mothers against decapentaplegic homolog 3, 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. Small molecule inhibitors of Smad3 may have tremendous clinical potential in the treatment of pathological fibrotic diseases. Recombinant SMAD3 protein was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl and 1 mM DTT

分子量:50.2 kDa (445aa), confirmed by MALDI-TOF.

序列:

MGSSHHHHHSSGLVPRGSHMSSILPFTPIV KRL LGWKKGEQNGQEEKWCEKAVKSLVKKLKKTGQLDELEKAITTQN
VNTKCITIPRSLDGRLQVSHRKGLPHVIYCRLWRWPDLSHHELRAMELCEFAFNMKKDEVCVNPHYQRVETPVLPPV
LVPRHTEIPAEPPLDDYSHSIPENTNFPAGIEPQSNIPETPPPGYLSEGETSDHQMNHSM DAGSPNLSPNMSPAHNLD
LQPVTYCEPAFWCSISYYELNQRVGETFHASQPSMTVDGFTDPSNSERFCLGLLSNVNRNAAVELTRRHIGRGVRLYYIGG
EVFAECLSDSAIFVQSPNCNQRYGWHPATVCKIPPGCNLKFNNQEF AALLAQSVNQGF EAVYQLTRMCTIRMSFVKGW
GAEYRRQTVTSTPCWIELHLNGPLQWLDKVL TQMGS PSIRCSSVS

纯度:> 95% by HPLC

浓度:0.5 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.