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CNDP2, 1-475aa Human, His tag, E.coli

产品货号: TP01661

第三版

别名:Cytosolic non-specific dipeptidase, CN2, CPGL, HsT2298, PEPA

描述:Cytosolic non-specific dipeptidase, also known as CNDP2, is a cytosolic, non-specific dipeptidase that belongs to the peptidase M20A family of proteins. CNDP2 is a secreted peptidase homologous to M20 peptidases. It is expressed by all adult and fetal tissue, however, an isoform lacking exons 3 and 4 was expressed in all fetal tissue, but only in adult liver. Overexpression of CPGL-B in hepatocellular carcinoma cells leads to significant inhibition of HC cell viability, colony formation, cell invasiveness and tumor formation. Recombinant human CNDP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

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

分子量:55.3kDa (498aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSM AALTLFKYIDENQDRYIKKLAKWVAIQSVSAWPEKRGEIRRMMEVAAADV KQL
GGSVELVDIGKQKLPDGSEIPLPILLGRLGSDPQKKTVCYGHLDVQPAAL EDGWDSEPF TLVERDGLYGRGSTD DKGP
VAGWINALEAYQKTGQEIPVNVRF CLEGMEE SGSEGLDELIFARKDTFFKDV DYCISDNYWLGKKKPCITYGLRGICYFFI
EVECSNKDLHSGVYGGSVHEAMTDLILLMGSLV DKRGNILIPGINEA VAAVTEEEHKLYDDIDFDIEEFAKDVGAQILLHS
HKKDILMHRWRYPSSLHGIEGAFSGGAKTVIPR KVVGKFSIRLVNMTPEV VGEQVTSYLTKKFAELRSPNEFKVYMGH
GGKPWVSDFSHPHYLAGRRAMKTVFGVEPDLTREGGSIPVTLTFQEATGKNV MLLPVGSADDGAHSQNEKLNRYNYIEG
TKMLAAYLYEVSQLKD

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.