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NAPSA, 64-420aa, Human, His tag, E.coli

产品货号: TP03096

第三版

别名:Napsin-A, KAP, Kdap, NAP1, NAPA, SNAPA

描述:NAPSA, also known as Napsin-A, belongs to the peptidase A1 family and may be involved in processing of pneumocyte surfactant precursors. The activation peptides of aspartic proteinases plays role as inhibitors of the active site. These peptide segments, or pro-parts, are deemed important for correct folding, targeting, and control of the activation of aspartic proteinase zymogens. The pronapsin A is predicted to be a fully functional, glycosylated aspartic proteinase precursor containing an RGD motif and an additional 18 residues at its C-terminus. Recombinant human NAPSA, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography.

配方:Liquid. In 20mM Tris-HCl (pH 8.0) containing 10% glycerol

分子量:40.9 kDa (380 aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSKPIFVPLSNYRDVQYFGEIGLGTTPQNFTVAFDTGSSNLWVPSRRCHFFSVPCWLH
HRFDPKASSSFQANGTKFAIQYGTGRVDGILSEDKLTIGGIK GASVIFGEALWEPSLVFAFAHFDGILGLGFPILSVEGVRPPM
DVLVEQGLLDKPVFSFYLNRPDPEPDGGELVLGGSDPAHYIPPLTFVPVTVPAYWQIHMERVKVGPGLTCAKGC AAILD
TGTS LITGPTEEIRALHAAIGGIPLLAG EYIILCSEIPKLPAVSFLLGGVWFNLTAHDYVIQTTTRNGVRLCLSGFQALDVPPPA
GPFWILGDVFLGTYAVFDRGDMKSSARVGLARARTRGADLWGGETAQAQFPG

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.