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His-PP2C (His-tagging Protein phosphatase 2C), Human, Recombinant

产品货号: TP02455

第三版

别名: Protein phosphatase 1A (formerly 2C), magnesium-dependent, alpha isoform, PPM1A, PP2CA, PP2C-ALPHA

描述: Protein phosphatase 2C (PP2C alpha) is a Mn^{2+} - or Mg^{2+} - dependent protein serine/threonine phosphatase that is essential for regulating cellular stress response in eukaryotes. The protein coding region of PP2C alpha (amino acids 1-382) was cloned into an E. coli expression vector. PP2C alpha was overexpressed in

配方: Liquid. In phosphate-buffered saline (pH 7.4)

分子量: 46.6 kDa (418 aa), confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWILMGAFLDKPKMEKHNAQQGQGNGLRYGLSSMQGWRVEM
EDAHTAVIGLPSGLESWSFFAVYDGHAGSQVAKYCCEHLLDHITNNQDFKGSAGAPSVENVKNGIRTGFLEIDEHMRVM
SEKKHGADRSGSTAVGVLISPQHTYFINGDSRGLLCRNRKVHFFTQDHKPSNPLEKERIQNAGGSVMIQRVNGSLAVSR
ALGDFDYKCVHKGPTQLVSPEPEVHDIERSEDDQFIILACDGIWDVVMGNEELCDFVRSRLEVTDDLEKVCNEVVDT
CLYKGSRDNMSVILICFPNAPKVSPEAVKKEAELDKYLECRVEEIIKKQGEGVPDLVHVMRTLASENIPSLPPGGELASKRN
VIEAVYNRLNPYKNDDTDSTSTDDMW

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.