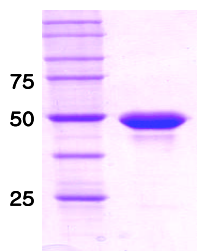


Product: Protein Phosphatase 2C alpha (PP2C α), human
Catalog #: 01-2220
Amount: 50 μ g

SOURCE: Recombinant, E. coli

AA Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMGAF
LDKPKMEKHN AQQQGNGLRY GLSSMQGWRV EMEDAHTAVI
GLPSGLESWS FFAVYDGHAG SQVAKYCCEH LLDHITNNQD
FKGSAGAPSV ENVKNGIRTG FLEIDEHMRV MSEKKHGADR
SGSTAVGVLI SPQHTYFINC GDSRGLLCRN RKVHFFTQDH
KPSNPLEKER IQNAGGSVMI QRVNGSLAVS RALGDFDYKC
VHGKGPTEQL VSPEPEVHDI ERSEEDDQFI ILACDGIWV
MGNEELCDFV RSRLEVTDL EKV CNEVVDT CLYKGSRDNM
SVILICFPNA PKVSPEAVKK EAELDKYLEC RVEEIIKKQG
EGVPDLVHVM RTLASENIPS LPPGELASK RNVIEAVYNR
LNPYKNDDTD STSTDDMW



10% SDS-PAGE

PURITY: Greater than 95% determined by SDS-PAGE
SPECIFIC ACTIVITY: > 8,000 Units/mg
One unit will hydrolyze 1 nanomole of p-nitrophenylphosphatate per minute at pH 7.4 at 37°C using 10mM of substrate
MOLECULAR WEIGHT: 46.6kDa (containing His tag, T7 gene 10 leader, Xpress™ Epitope)
PRESENTATION: Purified, in 10 mM Tris-HCl, pH7.5, 50 mM NaCl, 2 mM DTT, 1 mM MnCl₂, 20% glycerol
STORAGE/STABILITY: -20°C (aliquot), Avoid repeated freeze and thaw cycles.

Reference:

Das, A. K. et al. (1996) EMBO J. **15**: 6798-6809

This product is sold for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications. The information presented is believed to be accurate; however, said information and products are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. Nothing disclosed herein is to be construed as a recommendation to use our products in violation of any patents. Under no circumstances shall ARP American Research Products, Inc. be liable for damages, whether consequential, compensatory, incidental or special, strict liability or negligence, breach of warranty or any other theory arising out of the use of the products available from ARP American Research Products, Inc. Nothing contained herein warrants that the use of the products will not infringe on the claims of any patents covering the product itself or the use thereof in combination with other products or in the operation of any process.