

CDK5RAP3, 1-506aa , Human, His tag, E.coli

Cat.NO.: TP01563

3th Edition

Synonyms:CDK5 regulatory subunit-associated protein 3 isoform b , C53, HSF-27, IC53, LZAP, MST016, OK/SW-cl.114, PP1553

Description:CDK5RAP3 also known as CDK5 regulatory subunit-associated protein 3. This protein is potential regulator of CDK5 activity via its interaction with CDK5R. Neuronal CDC2-like kinase, which is involved in the regulation of neuronal differentiation, is composed of a catalytic subunit, CDK5, nad an activating subunit, p25NCK5A. CDK5RAP3 binds to p25NCK5A and therefore may be involved in neuronal differentiation. Recombinant human CDK5RAP3, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid, In Phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT

Molecular Weight:59.0kDa (526aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMEDHQHVPIDIQTSKLLDWLVDRRHCSLKWQSLVLTIREKINAAIQDMPESSEEIAQ
LLSGSYIHVFHCLRILDLLKGTEASTKNIFGRYSSQRMKDWQEIIALYEKDNTYLVELSSLLVRNVNVEIIPSLKKQIAKC
QQLQQEYSRKEEEECAGAAEMREQFYHSCKQYGITGENVRGELLALVKDLPSQLAEIGAAAQQSLGEAIDVYQAS
VGFVCEPTEQVLPMLRFVQKRGNSTVYEWRTGTEPSVVERPHLEELPEQVAEDAIDWDFGVEAVSEGTDSGIS
AEAAGIDWGFPESDSKDPGGDGIDWGDDAVALQITVLEAGTQAPEGVARGPDALTLEYTETRNQFLDELMELEIF
LAQRAVELSEEADVLSVSQFQLAPAILQGQTKKEMVTMVSVLEDLIGKLTSLQLQHLFMILASPRYVDRVTEFLQQKL
KQSLLALKKELMVQKQQAEEQAALPKLDLLEKTKELQKLIADISKRYSGRPVNLMTSL

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.