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DYRK1A, 159-479aa, Human, His tag, E.coli

产品货号: TP01950

第三版

别名:Dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A, Dual Specificity Yak1-related kinase, Dyrk; PSK47

描述:DYRK1A is a member of the dual-specificity tyrosine phosphorylation-regulated kinase (DYRK) family. This member contains a nuclear targeting signal sequence, a protein kinase domain, a leucine zipper motif, and a highly conservative 13-consecutive-histidine repeat. It catalyzes its autophosphorylation on serine/threonine and tyrosine residues. It may play a significant role in a signaling pathway regulating cell proliferation and may be involved in brain development. Recombinant human DYRK1A protein, fused to His-tag at N-terminus, was expressed in E.coli .

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

分子量:39.4 kDa (343 aa)

序列:

MGSSHHHHHSSGLVPRGSHRSYEIDSLIGKGSFGQVVKAYDRVEQEWWVAIKIINKKKAFLNQAQIEVRLELMNKHDT
MKYYIVHLKRHFMRNHLCLVFEMLSYNLYDLLRNTNFRGVSLNLTRKFAQQMCTALLFLATPELSIIHCDLKPENILL
KRSIAKIVDFGSSCQLGQRIYQYIQSRFYRSPEVLLGMPYDLAIDMWSLGCILVEMHTGEPLFSGANEVDQMNKIVEVL
PAHILDQAPKARKFFEKLPDGTWLSLKKTKDGKREYKPPGTRKLNILGVETGGPGRRAGESGHTVADYLLKFKDLILML
DYDPKTRIQPYALQHSFF

纯度:> 95% by HPLC

浓度:1.0 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.