

Human DYRK1A Recombinant Protein



RPPB2500

Product Information Protein Information

Product SKU:

RPPB2500

Accession:

Q63470

Host:

Escherichia Coli.

Protein description:

DYRK1A Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 343 amino acids (159-479a.a) and having a molecular mass of 39.4kDa. DYRK1A is fused to a 22 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Dual Specificity Yak1-related kinase, Dyrk; PSK47, Dual specificity tyrosine-phosphorylation-regulated kinase 1A, Dual specificity YAK1-related kinase, Protein kinase minibrain homolog, RP86, Dyrk1a, MNBH.

Formulation:

The DYRK1A solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.

Purity:

Greater than 80% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH RSYEIDSLIG KGSFGQVKA YDRVEQEWVA IKIKNKKAF LNQAQIEVRL
LELMNKHDTE MKYYIVHLKR HFMRNHLCL VFEMLSYNLY DLLRNTNFRG VSLNLTRKFA QQMCTALLFL
ATPELSIIHC DLKPENILLC NPKRSAIKIV DFGSSCQLGQ RIYQYIQSRF YRSPEVLLGM PYDLAIDMWS
LGCILVEMHT GEPLFSGANE VDQMNKIVEV LGIPPAHILD QAPKARKFFE KLPDGTWSLK KTKDGGKREYK
PPGTRKLHNI LGVETGGPGG RRAGESGHTV ADYLKFKDLI LRMLDYDPKT RIQPYALQH SFF.