

DYRK1A recombinant protein

DYRK1A, 159-479aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48872	HOST E Coli	APPLICATIONS SDS-Page
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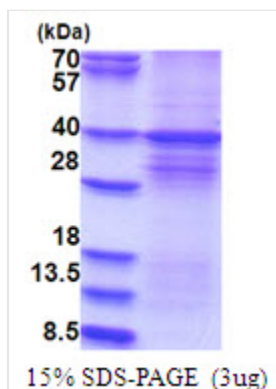
PRODUCT SYNONYMS

DYRK1A; 159-479aa; Human; His tag; E Coli (Denatured); Dual-specificity tyrosine- (Y)-phosphorylation regulated kinase 1A; Dual Specificity Yak1-related kinase; Dyrk; PSK47; DYRK1A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 80% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol, 0.4M urea
Concentration	1.0 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH RSYEIDSLIG KGSFGQVVKA YDRVEQEWVA IKIKNKKAF LNQAQIEVRL LELMNKHDT MKYYIVHLKR HFMRNHLCL VFEMLSYNLY DLLRNTNFRG VSLNLTRKFA QQMCTALLFL ATPELSIIHC DLKPENILLC NPKRSAIKIV DFGSSCQLGQ RIYQYIQSRF YRSPEVLLGM PYDLAIDMWS LGCILVEMHT GEPLFSGANE VDQMNKIVEV LGIPPAHILD QAPKARKFFE KLPDGTWSLK KTKDGKREYK PPGTRKLHNI LGVETGGPGG RRAGESGHTV ADYLKFKDLI LRMLDYDPKT RIQPYALQH SFF
Sequence Length	763
Applicable Applications for DYRK1A recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DYRK1A recombinant protein	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-histidin6e 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.
Product Categories/Family for DYRK1A recombinant protein	Neuroscience
References	Pryor A., Tung L. et al. (2004). Nucleic Acids Res. 32:1857-1865

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978787
NCBI GeneID	25255
NCBI Accession #	NP_036923
NCBI GenBank Nucleotide #	NM_012791.3
UniProt Accession #	Q63470
Molecular Weight	39.4 kDa (343 aa)
NCBI Official Full Name	dual specificity tyrosine-phosphorylation-regulated kinase 1A
NCBI Official Synonym Full Names	dual specificity tyrosine phosphorylation regulated kinase 1A
NCBI Official Symbol	Dyrk1a
NCBI Official Synonym Symbols	Dyrk; PSK47
NCBI Protein Information	dual specificity tyrosine-phosphorylation-regulated kinase 1A
UniProt Protein Name	Dual specificity tyrosine-phosphorylation-regulated kinase 1A
UniProt Gene Name	Dyrk1a
UniProt Synonym Gene Names	Dyrk; MNBH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/dyrk1a-recombinant-protein-e-coli-sds-page/48872>