



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

DYRK1A (Human) Recombinant Protein

Catalog Number: P9396

Regulation Status: For research use only (RUO)

Product Description: Human DYRK1A (Q13627, 159 a.a. - 479 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

Sequence:

MGSSHHHHHSSGLVPRGSHRSYEIDSLIGKGSFGQV
VKAYDRVEQEWWAIKIKNKKAFLNQAQIEVRLLELMNK
HDEMKEYIVHLKRHFMRNHLCLVFEMLSYNLYDLLR
NTNFRGVSLNLRKFAQQMCTALLFLATPELSIIHCDLK
PENILLCNPKRSAIKIVDFGSSCQLGQRIYQYIQSRFYR
SPEVLLGMPYDLAIDMWSLGCILVEMHTGEPLFSGAN
EVDQMNKIVEVLGIPPAHILDQAPKARKFFEKLDPDGTW
NLKKTGDGKREYKPPGTRKLNHLGNETGGPGRRAG
ESGHTVADYLFKFDLILRMLDYDPKTRIQPYALQHSF
F

Host: *Escherichia coli*

Theoretical MW (kDa): 39.4

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Preparation Method: *Escherichia coli* expression system

Purity: > 80% by SDS-PAGE

Recommend Usage: Biological Activity
SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer: In 20mM Tris-HCl pH 8.0 (0.4 M Urea and 10% glycerol)

Storage Instruction: Store at 2°C to 8°C for 1 week.
For long term storage, aliquot and store at -20°C to -80°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1859

Gene Symbol: DYRK1A

Gene Alias: DYRK, DYRK1, HP86, MNB, MNBH

Gene Summary: This gene encodes 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. This gene is a homolog of *Drosophila mnb* (minibrain) gene and rat *Dyrk* gene. It is localized in the Down syndrome critical region of chromosome 21, and is considered to be a strong candidate gene for learning defects associated with Down syndrome. Alternative splicing of this gene generates several transcript variants differing from each other either in the 5' UTR or in the 3' coding region. These variants encode at least five different isoforms. [provided by RefSeq]