

Active Recombinant Full Length Human DYRK1A Protein, GST-tagged

Cat. No. DYRK1A-7655HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human DYRK1A [1-763(end) amino acids of accession number NP_001387.2] was expressed as N-terminal GST-fusion protein (112 kDa) using baculovirus expression system. GST-DYRK1A was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-763
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.
Purity	92%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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GENE INFORMATION

Gene Name dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A

Official Symbol DYRK1A

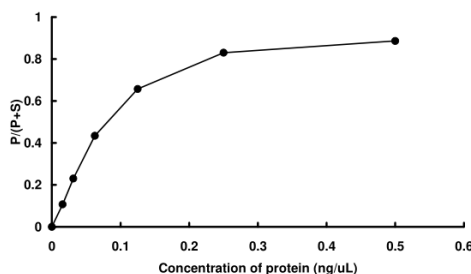
Synonyms DYRK1A;DYRK;DYRK1;HP86;MNB;MNBH;MRD7

Protein Refseq [NP_001387.2](#)

UniProt ID [Q13627](#)

Activity data

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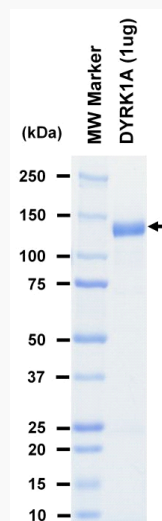
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SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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