

Recombinant Full Length Human DYRK4 Protein, GST-tagged

Cat. No. DYRK4-4093HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DYRK4 full-length ORF (NP_003836.1, 1 a.a. - 520 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	520 amino acids
Description	This gene encodes an enzyme that belongs to a conserved family of serine/threonine protein kinases. Members of this dual specificity kinase family are thought to function in the regulation of cell differentiation and proliferation, survival, and in development. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Aug 2013]
Molecular Mass	86 kDa
AA Sequence	MPASELKASEIPFHPSIKTQDPKAEKSPKKQKVTLTAAEALKLFKNQLSPYEQSEIL GYAELWFLGLEAKKLDTAPEKFSKTSFDDEHGFYLVKVLHDHAIYRYEVLETIGKGSF GQVAKCLDHKNNELVALKIIRNKKRFHQQALMELKILEALRKKDKDNTYNVVMKDF FYFRNHFCITFELLGINLYELMKNNNFQGFSLIVRRFTLSVLKCLQMLSVEKIIHCDLK PENIVLYQKGQASVKVIDFGSSCYEHQKVYTYIQSRFYRSPEVILGHPYDVAIDMWSL GCITAELYTGYPLFPGENEVEQLACIMEVLGLPPAGFIQTASRRQTFFDSKGFKNIT NNRGKKRYPDSKDLTMVLKTYDTSFLDFLRCLVWEPSLRMTDPDQALKHAWIHQSR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NLKPQPRPQTLRKSNSFFPSETRKDKVQGCHHSSRKADEITKETTEKTKDSPTKHHV
QHSGDQQDCLQHGADTVQLPQLVDAPKKSEAAVGAEVSM TSPGQSKNFSLKNTNV
LPPIV

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

DYRK4 dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 4 [Homo sapiens]

Official Symbol

DYRK4

Synonyms

DYRK4; dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 4; dual specificity tyrosine-phosphorylation-regulated kinase 4;

Gene ID

8798

mRNA Refseq

NM_003845

Protein Refseq

NP_003836

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MIM	609181
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UniProt ID	Q9NR20
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