

Recombinant Human DYRK4, His-tagged

Cat. No. DYRK4-12240H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DYRK4 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	104-400a.a.
Description	Dual-specificity kinases, such as DYRK4, play key roles in cell proliferation, survival, and development (Zhang et al., 2005 [PubMed 15607427]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

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

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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
MIM	609181
UniProt ID	Q9NR20
Chromosome Location	12p13.32
Function	ATP binding; metal ion binding; nucleotide binding; protein serine/threonine kinase activity; protein serine/threonine/tyrosine kinase activity; protein tyrosine kinase activity;

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