

Recombinant Mouse Dstyk Protein, Myc/DDK-tagged

Cat. No. Dstyk-2666M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dual serine/threonine and tyrosine protein kinase (Dstyk), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a positive regulator of ERK phosphorylation downstream of fibroblast growth factor-receptor activation. Involved in the regulation of both caspase-dependent apoptosis and caspase-independent cell death. In the skin, it plays a predominant role in suppressing caspase-dependent apoptosis in response to UV stress in a range of dermal cell types.
Molecular Mass	105.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Dstyk dual serine/threonine and tyrosine protein kinase [Mus musculus (house mouse)]
Official Symbol	Dstyk
Synonyms	DSTYK; dual serine/threonine and tyrosine protein kinase; dusty PK; dusty protein kinase; receptor interacting protein kinase 5; receptor-interacting serine/threonine-protein kinase 5; Ripk5; C820013G01; A930019K20Rik; C430014H23Rik
Gene ID	213452
mRNA Refseq	NM_172516
Protein Refseq	NP_766104
UniProt ID	Q6XUX1

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