

Recombinant Human DSTYK, GST-tagged, Active

Cat. No. DSTYK-419H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human DSTYK was expressed by <i>baculovirus in Sf9 insect cell</i> using an N-terminal GST tag. MW=140kDa.
Species	Human
Source	Sf9 Cells
Description	<p>RIPK5 is a dual specificity serine/threonine and tyrosine protein kinase that is a member of the RIPK family. RIPK5 is widely expressed in vertebrates with broad distributed in the central nervous system, and deregulated in certain human cancers. RIPK5 has been shown to function as a regulator of cell death. Overexpression of RIPK5 leads to cell death as evidenced by DNA fragmentation. RIPK5 induces both caspase-dependent and caspase-independent cell death, and N- and C-terminal RIPK5 deletion mutants retained the ability to induce cell death.</p>
Sequence	Full-length.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70°C . For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

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Gene Name	DSTYK dual serine/threonine and tyrosine protein kinase [Homo sapiens]
Synonyms	DSTYK; dual serine/threonine and tyrosine protein kinase; RIP5; RIPK5; DustyPK; HDCMD38P; KIAA0472; dusty protein kinase; receptor interacting protein 5; EC 2.7.12.1
Gene ID	25778
mRNA Refseq	NM_015375
Protein Refseq	NP_056190
MIM	612666
UniProt ID	Q6XUX3
Chromosome Location	1q32.1
Function	ATP binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; transferase activity; protein tyrosine kinase activity

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