

Recombinant Human NLK (N-GST tag)

Cat No:HR2R1794

For research use only

Overview

Quantity	10 ?g
Gene Symbol	NLK
Gene ID	N/A
Accession	NM_016231
Alternative Name	FLJ21033, DKFZp761G1211
Species	Human
Source	Insect cells
Description	NLK (also known as nemo-like kinase) is a member of the serine/threonine protein kinase that is encoded by the NLK gene. NLK plays a role in cell fate determination and is required for the differentiation of bone marrow stromal cells. NLK also suppresses a wide range of transcription factors such as CREB by phosphorylation of the co-activator CREBBP. NLK expression increases the number of apoptotic cells but does not induce obvious cell cycle arrest . NLK suppresses Notch signalling by interfering with formation of the Notch active transcriptional complex .
Functions	The specific activity of NLK was determined to be 2.4 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	84
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	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.