

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.