

## Recombinant Human ALK (N-GST tag)

Cat No:HR2R1134

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	ALK
Gene ID	N/A
Accession	NM_004304
Alternative Name	ALK (Ki-1), CD246, NBLST3, TFG/ALK
Species	Human
Source	Insect cells
Description	?ALK or anaplastic lymphoma kinase is a receptor tyrosine kinase that was originally identified as a member of the insulin receptor subfamily that acquires transforming capability when truncated and fused to NPM (nucleophosmin) in the t(2;5) chromosomal rearrangement associated with ALCL. Many chromosomal rearrangements leading to enhanced ALK activity have been described and are implicated in a number of cancer types . In the nervous system, ALK in the presence of ligand appears essential for axonal guidance, whereas in the absence of ligand, ALK expression can lead to developmental neuronal apoptosis .
Functions	The specific activity of ALK was determined to be 24 nmol /min/mg as per activity assay protocol.
Formulation	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	90
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.