

Recombinant Human ALK (N-GST tag)

Cat No:HR2R1134

For research use only

Overview

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|--------------------|---|
| 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. |