

Recombinant Mouse Alk Protein

Cat. No. Alk-15M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Alk(aa.19-1042) was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	aa.19-1042
Description	Notum is an evolutionarily conserved 60 kDa secreted deacylase that regulates Wnt activity. It is tethered to the cell surface by binding to Glypican-like sulfated proteoglycans, and it functions as a Glypican-dependent Wnt inhibitor. Notum hydrolyzes the palmitoyl moiety from Wnt-3a, making the Wnt more hydrophilic and unable to bind to the Frizzled-8 receptor. It also induces the release of cell surface GPI-anchored proteins such as Glypican-3, Cadherin-13, and uPAR. Notum regulates head regeneration in planaria, head formation and neural induction in Xenopus, and long range activity of hedgehog proteins in Drosophila. It is up-regulated in some human hepatocellular carcinomas and colorectal cancers. Within amino acids 88-458, mouse Notum shares 92% and 99% aa sequence identity with human and rat Notum, respectively.
Form	Each vial contains 50ug purified protein(1mg/ml) in PBS(pH7.4).
Purity	>95%
Applications	ELISA, WB, Immunogen

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade, Avoid freeze / thaw cycle.
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GENE INFORMATION

Gene Name	Alk anaplastic lymphoma kinase [Mus musculus]
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Official Symbol	Alk
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Synonyms	ALK; anaplastic lymphoma kinase; ALK tyrosine kinase receptor; Tcrz; CD246;
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Gene ID	11682
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mRNA Refseq	NM_007439
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Protein Refseq	NP_031465
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UniProt ID	P97793
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