

Active Recombinant Mouse Alk1 Protein

Cat. No. ALK-03M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Alk1 Protein as expressed in mouse myeloma cell line NS0
Species	Mouse
Source	NS0
Form	Lyophilized
Bio-activity	Measured by its ability to inhibit BMP-9-induced alkaline phosphatase production by ATDC5 mouse chondrogenic cells.
Molecular Mass	37.7 kDa
N-terminal Sequence Analysis	Asp23
Endotoxin	<0.1 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain
Applications	Bioactivity
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution.

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3 months, -20 to -70 °C under sterile conditions after reconstitution.

Storage Buffer Lyophilized from a 0.2 µm filtered solution in PBS.

Reconstitution Reconstitute at 100 µg/mL in sterile PBS.

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

GENE INFORMATION

Gene Name [Acvrl1 activin A receptor, type II-like 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Acvrl1](#)

Synonyms ACVRL1, ACVRLK1ORW2, ALK-1, ALK1, ALK1TGF-B superfamily receptor type I, Activin receptor-like kinase 1, EC 2.7.11, HHT, HHT2EC 2.7.11.30, SKR3, TSR-I, activin A receptor type II-like 1, activin A receptor, type II-like kinase 1, serine/threonine-protein kinase receptor R3

Gene ID [11482](#)

mRNA Refseq [NM_001277255.1](#)

Protein Refseq [NP_001264184.1](#)

UniProt ID [Q61288](#)

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