

ALK6 (BMPR1B) Recombinant Protein | ALK6 recombinant protein

ALK6 (BMPR1B), Active

CATALOG # AAA73255	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

ALK6 (BMPR1B); Active; ALK-6; ALK6; CDw293; ALK6 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for ALK6 recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree 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.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for ALK6 recombinant protein	Recombinant human ALK6 (BMPR1B)(149-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The ALK6 (BMPR1B) gene accession number is NM_001203. ALK6 (also known as BMPR1B) is a member of the transmembrane serine/threonine kinase that is the member of the bone morphogenetic protein (BMP) receptor, which is closely related to the activin receptors, ACVR1 and ACVR2. ALK6 is mainly involved in the endochondral bone formation and embryogenesis. ALK6 expressed in normal and cancerous prostate tissues and used in the endocrine therapy that given to the prostate cancer patients (1). ALK6 receptor trafficking also play a significant role in FOP pathogenesis and used in human T-cell differentiation (2).
Product Categories/Family for ALK6 recombinant protein	Protein Kinases ; AKT/PKB Pathway ; Angiogenesis ; Cancer ; Cardiovascular Disease ; JAK/STAT Pathway ; Neurobiology ; Ser/Thr Kinases
References	1. Ide, H. et.al: Cloning of human bone morphogenetic protein type 1B receptor (BMPR-1B) and its expression in prostate cancer in comparison with other BMPRs. <i>Oncogene</i> 14: 1377-1382, 1997. 2. Cejalvo, T. et.al: Bone morphogenetic protein-2/4 signalling pathway components are expressed in the human thymus and inhibit early T-cell development. <i>Immunology</i> 121: 94-104, 2007.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_001203
Molecular Weight	~68kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/alk6-bmpr1b-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73255>