ALK-7 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	ALK-7, Recombinant Protein
Full Product Name	Human ALK-7 Recombinant Protein His Tag Lyophilized
Product Gene Name	ALK-7 recombinant protein
Product Synonym Gene Name	ACVR1C
Host	HEK293 cells
Form/Format	This is a Lyophilized protein buffered in 20 mM Tris, 150 mM NaCl, pH7.5
Purity/Purification	>90% as determined by SDS-PAGE.
Preparation and Storage	Lyophilized Protein should be stored at -20 degree C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20 degree C or -70 degree C. Avoid repeated freeze-thaw cycles.
Species	Human
Tag	His
Related Product Information for ALK-7 recombinant protein	Human ALK-7 Recombinant Protein His Tag Lyophilized has been recombinantly produced in HEK293 cells. ALK-7 (Activin receptor-like kinase 7) is also known as Activin receptor type-1C, ACTR-IC, ACVR1C. Serine/threonine protein kinase which forms a receptor complex on ligand binding. The receptor complex consisting of 2 type II and 2 type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators, SMAD2 and SMAD3. Receptor for activin AB, activin B and NODAL. Plays a role in cell differentiation, growth arrest and apoptosis. This protein carries a polyhistidine Tag at the C-terminal. The protein has a calculated MW of 11.9 kDa. The protein migrates as 15-33 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Other Notes	Small volumes of ALK-7 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ALK-7 purchase	MBS8431176 is a recombinant protein targeting ALK-7. Also known as Human ALK-7 Recombinant Protein His Tag Lyophilized. Host: HEK293 cells.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ALK-7. It may not necessarily be applicable to this product.

Protein Family	Activin receptor
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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