Product Name: Recombinant Human ACVR2B (C-6His)

Catalog #: PHH0013



概述 (Summary)

英文全称 Activin RIIB/ACVR2B/Activin receptor type IIB

纯度 (Purity) Greater than 95% as determined by reducing SDS-PAGE

内毒素 (Endotoxin level) <1 EU/μg as determined by LAL test.

蛋白构建 (Construction) Recombinant Human Activin Receptor Type 2B is produced by our

Mammalian expression system and the target gene encoding Ser19-

Thr134 is expressed with a 6His tag at the C-terminus.

Accession # Q13705

蛋白标签 (Tag)

表达宿主 (Host) Human Cells

种属 (Species) Human 预测分子量 (Predicted MW) 14.37 KDa

蛋白形态 (Form) Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

储存缓冲液 (Buffer)

运输方式 (Shipping) The product is shipped at ambient temperature. Upon receipt, store it

immediately at the temperature listed below.

稳定性&储存 (Stability &Storage) Lyophilized protein should be stored at ≤ -20°C, stable for one year after

receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at \leq -20°C for 3 months.

复溶 (Reconstitution) Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It

is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized

protein in distilled water. Please aliquot the reconstituted solution to minimize

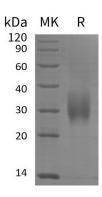
freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Web: https://www.enkilife.com E-mail: order@enkilife.com techsupport@enkilife.com Tel: 0086-27-87002838

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背景 (Background)

分子別名 (Alternative Names) 背景介绍 (References) Activin Receptor Type-2B; Activin Receptor Type IIB; ACTR-IIB; ACVR2B Activin proteins that belong to the transforming growth factor-beta (TGF-β) superfamily, exert their biological actions by binding to heteromeric receptor complexes of type I and type II serine/threonine kinase receptors. On ligand binding, type I and II receptors form a stable complex, resulting in phosphorylation of type I receptors by type II receptors with constitutive kinase activity, and subsequently initiates the activation of downstream molecules including the endogenous Smads. ActRIIB, also known as ActRIIB, is a type II receptor containing an extracellular domain (ECD), a transmembrane segment, and a cytoplasmic region that includes the kinase domain. ActRIIB is a receptor for activin A, activin B and inhibin A. Multiple ActRIIB isoforms can also be generated, which bind activin isoforms with different affinities.

注意事项(Note)

For Research Use Only, Not for Diagnostic Use.