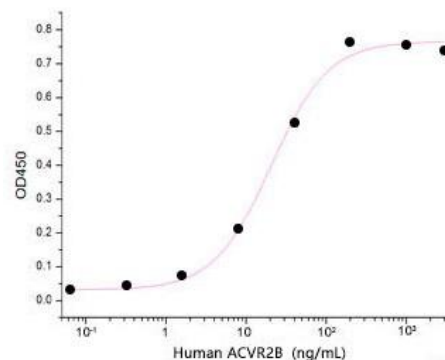
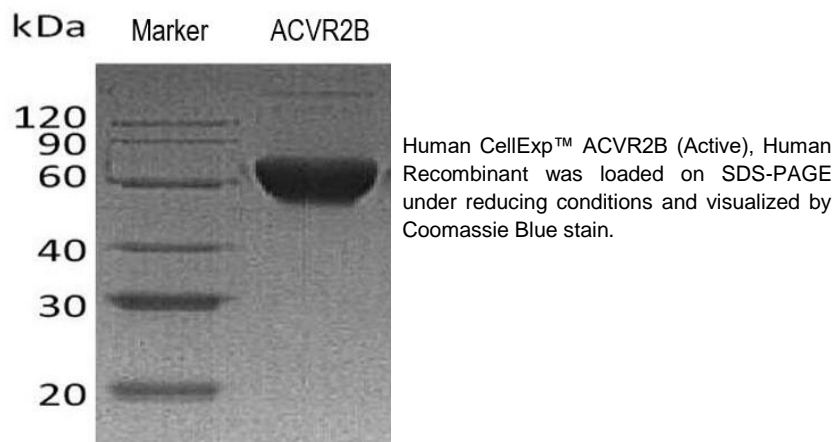


Human CellExp™ ACVR2B (Active), Human Recombinant

05/21

CATALOG NO:	P1731-10 10 µg P1731-50 50 µg
ALTERNATE NAMES:	Activin A Receptor Type 2B; ACTR-IIB; ACTRIIB; HTX4
MOL. WT.	41.3 kDa calculated; 60 kDa observed
NCBI GENE ID:	93
ACCESSION NO.:	Q13705
ENDOTOXIN:	< 1.0 EU per µg as determined by the LAL method
PURITY:	> 95% by SDS-PAGE
SOURCE:	Human Cells
AMINO ACID SEQUENCE:	Ser 19 to Thr 134 with C-terminal Fc & 6xHis Tag
ACTIVITY:	Immobilized Activin A at 5 µg/ml (100 µl/well) can bind Human ACVR2B. The ED50 of Human ACVR2B is 20.58 ng/ml
FORM:	Lyophilized powder
FORMULATION:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4
STORAGE CONDITIONS:	Store lyophilized protein at -20 °C or -80 °C. Once reconstituted, aliquot and store at -20 °C or -80 °C. Avoid repeated freeze-thaw cycles.
DESCRIPTION:	Activin A receptor type 2B (ACVR2B) is a constitutively active transmembrane serine/threonine kinase that forms a complex with type I activin receptors to transduce activin signaling. Activin signaling is responsible for regulating many physiological and pathological processes including neuronal differentiation and survival, hair follicle development, wound healing, extracellular matrix production, immunosuppression, and carcinogenesis.



Activin A can bind Human CellExp™ ACVR2B (Active), Human Recombinant (ED50 = 20.58 ng/ml)

RELATED PRODUCTS:

Human CellExp™ Activin A, Human Recombinant (Cat. No. 6442)
 BMPRI1A, Human Recombinant (Cat. No. 4881)
 Activin B, Human Recombinant (Cat. No. 7112)
 Human CellExp™ Latent Activin A / INHBA, Human Recombinant (Cat. No. P1078)
 Activin A, Human Recombinant (Cat. No. 4724)

FOR RESEARCH USE ONLY! Not to be used on humans.