Serine/threonine-protein kinase receptor R3, 22-118aa, Human, His tag, Insect cell

Cat.NO.: TP03895

3th Edition

Synonyms:ACVRL1, ACVRLK1, ALK-1, ALK1, HHT, HHT2, ORW2, SKR3, TSR-I

Description:ACVRL1, also known as serine/threonine-protein kinase receptor R3, is a membrane-anchored proteoglycan whose core protein binds TGFf3 and has a short cytoplasmic domain with no discernible signaling structure. Also, this protein shares similar domain structures with other closely related ALK or activin receptor-like kinase proteins that form a subfamily of receptor serine/threonine kinases. Recombinant human ACVRL1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:11.5kDa (103aa) 18-28KDa (SDS-PAGE under reducing conditions.)

Sequences:
DPVKPSRGPLVTCTCESPHCKGPTCRGAWCTVVLVREEGRHPQEHRGCGNLHRELCRGRPTEFVNHYCCDSHL
CNHNVSLVLEATQPPSEQPGTDGQHHHHHH

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.