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32-6291: ACVRL1 Human

Alternative Name :	Activin A Receptor Type II-Like 1, ACVRLK1, ALK1, TGF-B Superfamily Receptor Type I EC 2.7.11.30, TSR-I, ALK-1, HHT2, SKR3 Serine/Threonine-Protein Kinase Receptor R3 Activin A Receptor, Type II-Like Kinase 1, Activin Receptor-Like Kinase 1, EC 2.7.11, ORW2, HHT.

Description

Source: Sf9, Insect cells.
Sterile filtered colorless solution.
Activin A Receptor Type II-Like 1, also known as ACVRL1 is a membrane-anchored proteoglycan which his core protein binds TGFf3 and has a short cytoplasmic domain with no discernible signaling structure. Furthermore, ACVRL1 shares similar domain structures with other closely related ALK or activin receptor-like kinase proteins which form a subfamily of receptor serine/threonine kinases.
ACVRL1 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 103 amino acids (22-118a.a.) and having a molecular mass of 11.5kDa. (Molecular size on SDS-PAGE will appear at approximately 18-28kDa).ACVRL1 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	ACVRL1 protein solution (0.25mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	DPVKPSRGPL VTCTCESPHC KGPTCRGAWC TVVLVREEGR HPQEHRGCGN LHRELCRGRP TEFVNHYCCD SHLCNHNVSL VLEATQPPSE

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