

Activin A Human Recombinant

Item Number	rAP-2131
Synonyms	Activin Beta-A chain, Erythroid differentiation protein, EDF, FRP, Activin-A, Inhibin-B, Inhibin-Beta A chain.
Description	Activin-A Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 137 amino acids (311-426) and having a molecular mass of 15.2kDa. Activin-A is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P08476
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGLECDGKVN ICCKKQFFVS FKDIGWNDWI IAPSGYHANY CECECP-SHIA GTSGSSLSFH STVINHYRMR GHSPFANLKS CCVPTKLRPM SMLYYDDGQN IIKKDIQNMI VEECGCS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	Activin-A protein solution (1mg/ml) contains 20mM Tris pH 8.0 and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**