Recombinant Human LOC100147806

Cat. No. LOC100147806-3120H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Activin B
Species	Human
Source	Hi-5 Insect Cells
Description	Purified recombinant Human Activin B proteinActivin B is a TGF beta family member that exhibits a wide range of biological activities including regulation of embryogenesis, osteogenesis, hematopoiesis, reproductive physiology and hormone secretion from the hypothalamic, pituitary and gonadal glands. Activin B, like certain other members of the TGF beta family, signals through the ActRII receptor (Activin Receptor type II).
Form	Supplied as a lyophilized powder.
AA Sequence	Region of Activin protein corresponding to amino acids GLECDGRTNL CCRQQFFIDF RLIGWNDWII APTGYYGNYC EGSCPAYLAG VPGSASSFHT AVVNQYRMRG LNPGTVNSCC IPTKLSTMSM LYFDDEYNIV KRDVPNMIVE ECGCA.
Endotoxin	Endotoxin level is less than 0.1 ng per ug (1 EU/ug).
Purity	>95% pure by SDS PAGE and HPLC
Notes	Small volumes of LOC100147806 recombinant protein may occasionally become

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	entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at 4 deg C until reconstitution. Following reconstitution aliquot and freeze at -20 deg C for long term storage. Avoid repeated freeze/thaw cycles.
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name	LOC100147806
Official Symbol	LOC100147806
Synonyms	LOC100147806;activin B
Gene ID	100147806
mRNA Refseq	NM_001128068.1
Protein Refseq	NP_001121540.1
Chromosome Location	chromosome: Un

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