9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Placental Lactogen Sf9, Human

Placental Lactogen Human Recombinant, Sf9
GRF0328

Product Overview

Name	Placental Lactogen Sf9, Human

Description

Placental Lactogen Human Recombinant, Sf9

Accession (Primary)	P0DML2

Synonyms

Chorionic Somatomammotropin Hormone 1, CSH1, Choriomammotropin, Lactogen, CSH2, PL, CSA, CSMT, FLJ75407

Introduction

Placental Lactogen is a polypeptide hormone that is produced by the Syncytiotrophoblasts of the Placenta.Placental Lactogen has both GH and Prolactin activities on growth, lactation, and luteal steroid production. In women, placental lactogen secretion begins soon after implantation and increases to 1 g or more a day in late pregnancy. Placental Lactogen Bovine is also capable of activating human and other heterologous GH receptors.

Source

Sf9, Baculovirus cells .

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The Placental Lactogen solution (0.25mg/ml) contains 30% Glycerol and Phosphate-Buffered Saline (pH 7.4).

Stability

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.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

VQTVPLSRLF DHAMLQAHRA HQLAIDTYQE FEETYIPKDQ KYSFLHDSQT SFCFSDSIPT PSNMEETQQK SNLELLRISL LLIESWLEPV RFLRSMFANN LVYDTSDSDD YHLLKDLEEG IQTLMGRLED GSRRTGQILK QTYSKFDTNS HNHDALLKNY GLLYCFRKDM DKVETFLRMV QCRSVEGSCG F HHHHHH

Biological Activity

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Determined by cell proliferation assay using Nb2-11 Rat lymphoma cells. ED50 range for this effect is ≤ 0.8 ng/ml.

Precautions

Placental Lactogen Sf9, Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P0DML2)