

Recombinant Bovine CSH2

Cat. No. CSH2-7660B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Placental Lactogen Bovine Recombinant, is a single polypeptide chain containing 199 amino acids and an additional Ala at the N-terminus having a molecular mass of 23 kDa. Placental Lactogen Recombinant is purified by chromatographic techniques.
Species	Bovine
Form	The protein was lyophilized from concentrated (1mg/ml) solution with 0.02-0.03% NaHCO ₃ .
AA Sequence	The sequence of the first six N-terminal amino acids was determined and was found to be Ala-Glu-Asp-Tyr-Ala-Pro.
Purity	Greater than 98.0% as determined by RP-HPLC and analysis by SDS-PAGE
Notes	For research use only.
Storage	Lyophilized Placental Lactogen Bovine Recombinant although stable at room temperature for weeks, should be stored desiccated below -18°C. Upon reconstitution Placental Lactogen should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add carrier protein (0.1% HSA or BSA). Please prevent freeze/thaw cycles.

GENE INFORMATION

Gene Name	CSH2 chorionic somatomammotropin hormone 2 [Bos taurus]
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Official Symbol	CSH2
Synonyms	CSH2; chorionic somatomammotropin hormone 2; BOS_21851; CSH1; PL; BPLP-I; BPLP-II; chorionic somatomammotropin hormone 1 (placental lactogen); placental lactogen I; placental lactogen II; UniGene: Bt.430
Gene ID	281097
UniProt ID	A6QPM4
Chromosome Location	chromosome: 23
Function	hormone activity; metal ion binding

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