

Recombinant Ovine Prolactin Soluble Receptor

Alternate names:	IGF, IGF-1, IGF-IA, IGF-IB, IGF1, IGFI, IGFI A, IGFI B, Insulin-like Growth Factor 1, MGF, Somatomedin, Somatomedin C
Catalog No.:	PA1056XC
Quantity:	1 mg
Concentration:	1 mg/ml
Species:	Salmon
Source:	E. coli
Format:	State: Sterile Filtered White lyophilized (freeze-dried) powder. Purity: >95% Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. Buffer System: The protein was lyophilized from a concentrated solution with 0.0045mM NaHCO ₃ . Reconstitution: It is recommended to reconstitute the lyophilized PRL-R in sterile 18M-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Description:	Recombinant Ovine Prolactin Soluble Receptor produced in E.Coli is a non-glycosylated, Polypeptide chain containing 213 amino acids. The Prolactin Ovine Soluble receptor is purified by proprietary chromatographic techniques. AA Sequence: The sequence of the first five N-terminal amino acids was determined and was found to be Gln-Ser-Pro-Pro-Glu. Molecular weight: 8 kDa 24.4 KDa.
Add. Information:	Protein quantitation was carried out by two independent methods: 1. UV spectroscopy at 280 nm using the absorbency value of 2.78 as the extinction coefficient for a 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics). 2. Analysis by RP-HPLC, using a standard solution of PRL-R as a Reference Standard.
Storage:	Lyophilized PRL-R although stable at room temperature for 3 weeks, should be stored desiccated below -18 C. Upon reconstitution PRL-R 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 a carrier protein (0.1% HSA or BSA). Please avoid freeze-thaw cycles.