



## CERTIFICATE OF ANALYSIS

PRODUCT NAME:	Prolactin Human (r-PRL) (PRL)
CAT. NO:	I900-20R
FORM:	Liquid
PURITY:	>96% by SDS-Page
SOURCE:	E.coli-Recombinant
SYNONYMS:	Prolactin, PRL, r-PRL

Prolactin is a neuroendocrine hormone synthesized primarily by the pituitary gland but also a variety of other cell types including the placenta, brain and uterus. Its primary function is to promote and maintain lactation but has also been shown to have a role in breast cancer development, regulation of the reproductive functions and immunoregulation.

Recombinant prolactin comprises of 199 amino acid fragment (29-227) corresponding to the mature prolactin protein and is expressed in E. coli with an amino-terminal hexahistidine tag.