Bioactive

PRL (Human) Recombinant Protein

Catalog # P6251 Size 100 ug

Applications

Result of activity analysis

Result of activity analysis

Specification

Product Description	Human PRL (P01236) recombinant protein expressed in *E.Coli*.
Sequence	MLPICPGGAARCQVTLRDLFDRAVVLSHYIHNLSSEMFSEFDKRYTHGRGFITKAINSCHTSSLATP EDKEQAQQMNQKDFLSLIVSILRSWNEPLYHLVTEVRGMQEAPEAILSKAVEIEEQTKRLLEGMELI VSQVHPETKENEIYPVWSGLPSLQMADEESRLSAYYNLLHCLRRDSHKIDNYLKLLKCRIIHNNNC
Host	Escherichia coli
Theoretical MW (kDa)	23
Form	Lyophilized
Purity	>= 95%
Endotoxin Level	<= 1 EUs/ug (Kinetic LAL)
Activity	ED_{50} <= 1 ng/mL NB2-11 cell proliferation The values provided above are minimum expected values to pass internal requirements.
Quality Control Testing	Reducing and Non-Reducing SDS PAGE
Conformation	Monomer

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Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate , pH 7.5.
Storage Instruction	Stored at -20°C.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- Western Blot

Gene Info — PRL

Entrez GeneID	5617
Protein Accession#	P01236
Gene Name	PRL
Gene Alias	-
Gene Description	prolactin
Omim ID	176760
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000017727

Pathway

- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway
- Neuroactive ligand-receptor interaction

Disease

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- Abortion
- Arthritis
- Asperger Syndrome
- Autistic Disorder
- Autoimmune Diseases
- Breast cancer
- Breast Neoplasms
- Disease Progression
- Fibroadenoma
- Genetic Predisposition to Disease
- Hepatitis C
- Hyperparathyroidism
- Infertility
- Lupus Erythematosus
- Lymphoma
- Mental Disorders
- Multiple Sclerosis
- Obesity
- Ovarian Failure
- Polycystic Ovary Syndrome
- Prostate cancer
- Prostatic Neoplasms
- Puberty
- Thrombophilia
- Tobacco Use Disorder
- Viremia

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