

Recombinant Mouse Prolactin Receptor Protein

Catalog #	Source	Reactivity	Applications
CRP3036	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description Recombinant Mouse Prolactin Receptor Protein is produced by mammalian expression system and the target gene encoding Gln20-Asp229 is expressed with a Fc tag at the C-terminus.

Form Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Gene Symbol PRLR

Alternative Names Prolactin receptor; PRL-R

Entrez Gene 19116 (Mouse)

SwissProt Q08501 (Mouse)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure QSPPGKPEIH KCRSPDKETF TCWWNPGSDG GLPTNYSPTY SKEGEKNTYE CPDYKTS GPN SCFFSKQYTS IWKIYIITVN ATNEMGSSTS DPLYVDVTYI VEPEPPRNLT LEVKQLKDKK TYLWVKWLPP TITDVKTGWF TMEYEIRLKS EEADWEIHF TGHQTQFKVF DLYPGQKYL V QTRCKPDHGY WSRWGQEKSI EIPNDFTLKD VDDIEGRMDE PKSCDKTHTC PPCAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRE EMTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTPP VLDSGGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG K

Quality Control Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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