

## Recombinant Mouse GHR Protein

Catalog #	Source	Reactivity	Applications
CRP2973	Human cells	Mouse	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Mouse GHR Protein is produced by mammalian expression system and the target gene encoding Met1-Gln273 is expressed with a Fc tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
<b>Gene Symbol</b>	GHR		
<b>Alternative Names</b>	Growth hormone receptor; GH receptor; Somatotropin receptor		
<b>Entrez Gene</b>	14600 (Mouse)		
<b>SwissProt</b>	P16882 (Mouse)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>MDLCQVFTL ALAVTSSTFS GSEATPATLG KASPVLRIN PSLGTSSSGK PRFTKCRSPE  LETFSCYWTE GDNPDCLKTPG SIQLYAKRE SQRQAARIAH EWTQEWKECP DYVSAGKNSC  YFNSSYTSIW IPYCIKLTN GDLLDQKCFT VDEIVQDPP IGLNWTLNLI SLTGIRGDIQ  VSWQPPPNAD VLKGWILEY EIQYKEVNES KWKVMGPIWL TYCPVYSLRM DKEHEVRVRS  RQRSEKYE FSEVLRVIFP QTNILEACEE DIQVDDIEGR MDEPKSCDKT HTCPCPAPE  LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE  EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP  SREEMTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSGGS FFLYSKLTVD  KSRWQQGNVF SCSVMHEALH NHYTQKSLSL SPGK</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
<b>Directions for Use</b>	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 ddH <sub>2</sub> O. 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  $-20^{\circ}\text{C}$ , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at  $2-8^{\circ}\text{C}$  for 2-7 days.

Aliquots of reconstituted samples are stable at  $-20^{\circ}\text{C}$  for 3 months.

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