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Product Datasheet

Recombinant Mouse GHR (C-Fc) EBT-EPT218

Article Name	Recombinant Mouse GHR (C-Fc)
Biozol Catalog Number	EBT-EPT218
Supplier Catalog Number	EPT218
Alternative Catalog Number	EBT-EPT218-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Mouse Growth Hormone Receptor is produced by our Mammalian expression system and the target gene encoding Met1-Gln273 is expressed with a Fc tag at the C-terminus....
Molecular Weight	Molecular weight: 58.3 KDa. Apparent molecular weight: 65-90 KDa, reducing conditions
UniProt	Q3UP14
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes	Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Growth hormone receptor is a transmembrane receptor for growth hormone (GH). GH is a single-chain polypeptide that is mainly synthesized and released from the anterior pituitary gland and plays essential roles in growth, development and metabolism. GH exerts its physiological actions via GH binding to its receptor in its extracellular domain. Binding of growth hormone to the receptor leads to receptor dimerization and the activation of an intra- and intercellular signal transduction pathway leading to growth. Growth hormone receptor has been shown to interact with SGTA, PTPN11, Janus kinase 2, Suppressor of cytokine signaling 1 and CISH
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