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32-18545: Mouse IGF-1R Protein, His Tag

Uniprot ID: 060751

Alternative Name: hyft;CD221;IGF1R

Description

Description: Recombinant mouse IGF-1R protein with C-terminal 6×His tag

Background: Enables insulin-like growth factor binding activity. Involved in several processes, including adrenal gland development; positive regulation of cold-induced thermogenesis; and positive regulation of meiotic cell cycle. Acts upstream of or within several processes, including gland development; peptidyl-tyrosine autophosphorylation; and regulation of intracellular signal transduction. Located in T-tubule. Is integral component of membrane. Is expressed in several structures, including alimentary system; brain; genitourinary system; limb; and lung. Human ortholog(s) of this gene implicated in several diseases, including dementia (multiple); kidney cancer (multiple); liver disease (multiple); nervous system cancer (multiple); and neurodegenerative disease (multiple). Orthologous to human IGF1R (insulin like growth factor 1 receptor).

Molecular Characterization: mass of 104.5 kDa after removal of the signal peptide.

Tag: C-6×His Tag

Product Info

Amount: 50 μg / 100 μg

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue **Purification:**

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before Content:

lyophilization.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended Storage condition:

for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient temperature.

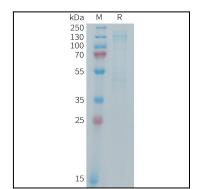


Figure 1. Mouse IGF-1R Protein, His Tag on SDS-PAGE under reducing condition.