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Datasheet for ABIN7454139

IGF2R Protein (AA 47-1079, Domain 1-7) (His-Avi Tag)

Overview

Quantity:	100 µg
Target:	IGF2R
Protein Characteristics:	AA 47-1079, Domain 1-7
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGF2R protein is labelled with His-Avi Tag.

Product Details

Purpose:	Human IGF2R Domain 1-7 Protein
Sequence:	Glu47-Pro1079
Characteristics:	Recombinant Human IGF2R Domain 1-7 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Glu47-Pro1079.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	IGF2R
Alternative Name:	IGF2R (IGF2R Products)

Target Details

Background:	The cation-independent mannose-6-phosphate/insulin-like growth factor 2 receptor (M6P/IGF2R) is a multifunctional receptor. It is involved in a variety of cellular processes which become dysregulated in cancer.
Molecular Weight:	117.40 kDa. Due to glycosylation, the protein migrates to 120-160 kDa based on Tris-Bis PAGE result.
UniProt:	P11717

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months