

Datasheet for ABIN6964134 **IGF1R Protein (AA 31-932) (His tag)**

1 Image



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Quantity:	100 μg
Target:	IGF1R
Protein Characteristics:	AA 31-932
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGF1R protein is labelled with His tag.

Product Details

Purpose:	Recombinant human IGF-1R protein with C-terminal 6xHis tag	
Specificity:	IGF-1R (Glu31-Asn932) 6xHis tag	
Characteristics:	Extracellular Domain Protein	
Purification:	Purified from cell culture supernatant by affinity chromatography	
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.	

Target Details

Target:	IGF1R
Alternative Name:	IGF-1R (IGF1R Products)
Background:	This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity.

Target Details

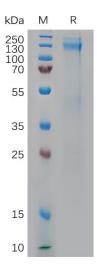
	The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage
	of the precursor generates alpha and beta subunits. It is highly overexpressed in most
	malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival.
	Alternatively spliced transcript variants encoding distinct isoforms have been found for this
	gene. [provided by RefSeq, May 2014]
Molecular Weight:	predicted molecular mass of 103.7 kDa after removal of the signal peptide. The apparent
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	molecular mass of IGF-1R-His is 130-150 kDa due to glycosylation.
UniProt:	
	molecular mass of IGF-1R-His is 130-150 kDa due to glycosylation.
UniProt:	molecular mass of IGF-1R-His is 130-150 kDa due to glycosylation. P08069

Application Details

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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human IGF-1R Protein, His Tag on SDS-PAGE under reducing condition.