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Datasheet for ABIN7505460

**IGF1 Protein (AA 49-153) (His tag)**

## Overview

Quantity:	100 µg
Target:	IGF1
Protein Characteristics:	AA 49-153
Origin:	Chicken
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGF1 protein is labelled with His tag.

## Product Details

Sequence:	Gly 49-Met 153
Characteristics:	A DNA sequence encoding the chicken IGF1/IGF-I/IGF-1 protein (P18254) (Gly 49-Met 153) was expressed with N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	IGF1
Alternative Name:	IGF1 ( <a href="#">IGF1 Products</a> )
Background:	<p>Background: Insulin-like growth factor I (IGF-I or IGF-1), also known as somatomedin C, is the dominant effector of growth hormone and is structurally homologous to proinsulin. IGF-I induces the proliferation, migration, and differentiation of a wide variety of cell</p> <p>Synonym: Insulin-like growth factor I, IGF1,</p>

### Target Details

Molecular Weight:	11.44 kDa
UniProt:	<a href="#">P18254</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Peptide Hormone Metabolism</a> , <a href="#">Hormone Activity</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a> , <a href="#">Regulation of Hormone Metabolic Process</a> , <a href="#">Regulation of Hormone Biosynthetic Process</a> , <a href="#">Stem Cell Maintenance</a> , <a href="#">Glycosaminoglycan Metabolic Process</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Autophagy</a> , <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Activated T Cell Proliferation</a> , <a href="#">Positive Regulation of fat Cell Differentiation</a>

### Application Details

Restrictions:	For Research Use only
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### Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months