Datasheet for ABIN7013376
HGF Protein (AA 32-728) (His tag)

2 Images

Overview

Quantity:	100 μg
Target:	HGF
Protein Characteristics:	AA 32-728
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This HGF protein is labelled with His tag.

Product Details

Characteristics:	Human HGF Protein, His Tag (MALS verified)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per μg by the LAL method.

Target Details

Target:	HGF
Alternative Name:	HGF (HGF Products)
Background:	Hepatocyte growth factor (HGF) is a paracrine cellular growth, motility and morphogenic factor. Activating ligand for the receptor tyrosine kinase MET by binding to it and promoting its dimerization. Hepatocyte growth factor is secreted by mesenchymal cells and acts as a multi-functional cytokine on cells of mainly epithelial origin. Its ability to stimulate mitogenesis, cell

Target Details

|	
	motility, and matrix invasion gives it a central role in angiogenesis, tumorogenesis, and tissue regeneration. In addition, HGF has been implicated in a variety of cancers, including of the lungs, pancreas, thyroid, colon, and breast.
Molecular Weight:	81.6 kDa (53.7 kDa|27.9 kDa)
Pathways:	RTK Signaling, Carbohydrate Homeostasis, Glycosaminoglycan Metabolic Process, Synaptic Membrane, Signaling of Hepatocyte Growth Factor Receptor
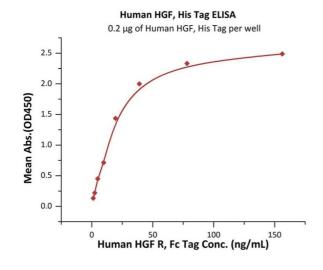
Application Details

Application Notes:	MALS verified
Restrictions:	For Research Use only

Handling
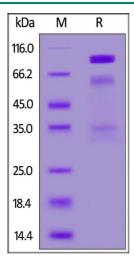
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C

Images

Human HGF, His Tag ELISA
0.2 μg of Human HGF, His Tag per well

ELISA

Image 1. Immobilized Human HGF, His Tag at 2 μg/mL (100 μL/well) can bind Human HGF R, Fc Tag (ABIN2180661,ABIN2180662) with a linear range of 1-39 ng/mL (QC tested).

Images