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Datasheet for ABIN1047161

HGF Protein (AA 477-728) (GST tag)

1 Image

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Overview

Quantity:	100 µg
Target:	HGF
Protein Characteristics:	AA 477-728
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HGF protein is labelled with GST tag.
Application:	SDS-PAGE (SDS), ELISA

Product Details

Sequence:	TIVNLDHPVI SCAKTKQLRV VNGIPTQTTV GWMVSLKYRN KHICGGSLIK ESWVLTARQC FPARNKDLKD YEAWLGIHDV HERGEEKRKQ ILNISQLVYG PEGSDLVLLK LARPAILDNF VSTIDLPSYG CTIPEKTTCS IYGWGYTGLI NADGLLRVAH LYIMGNEKCS QHHQGKVTLN ESELCAGA EK IGS GPCEGDY GGPLICEQHK MRMVLGVIVP GRGCAIPNRP GIFVRVAYYA KWIHKVILTY KL
Characteristics:	HGF is a potent mitogen for mature parenchymal hepatocyte cells, seems to be an hepatotrophic factor, and acts as growth factor for a broad spectrum of tissues and cell types. It has no detectable protease activity.
Purity:	90 %

Target Details

Target:	HGF
Alternative Name:	Hepatocyte growth factor (HGF Products)
Background:	Synonyms: Hepatopoeitin-A,Scatter factor,SF
Molecular Weight:	55.4 kD
UniProt:	P17945
Pathways:	RTK Signaling , Carbohydrate Homeostasis , Glycosaminoglycan Metabolic Process , Synaptic Membrane , Signaling of Hepatocyte Growth Factor Receptor

Application Details

Comment:	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Restrictions:	For Research Use only

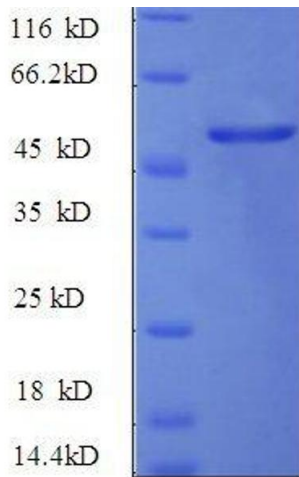
Handling

Format:	Lyophilized
Buffer:	PBS buffer, 20mM GSH
Storage:	-20 °C

Publications

Product cited in:	<p>Lenz, Herten, Gerzer, Drummer: "Regulation of natriuretic peptide (urodilatin) release in a human kidney cell line." in: Kidney international, Vol. 55, Issue 1, pp. 91-9, (1999) (PubMed).</p> <p>Klodt, Kuhn, Marx, Martin, Rösch, Forssmann, Adermann: "Synthesis, biological activity and isomerism of guanylate cyclase C-activating peptides guanylin and uroguanylin." in: The journal of peptide research : official journal of the American Peptide Society, Vol. 50, Issue 3, pp. 222-30, (1998) (PubMed).</p> <p>Marx, Klodt, Meyer, Gerlach, Rösch, Forssmann, Adermann: "One peptide, two topologies: structure and interconversion dynamics of human uroguanylin isomers." in: The journal of peptide research : official journal of the American Peptide Society, Vol. 52, Issue 3, pp. 229-40, (1998) (PubMed).</p>
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Hess, Kuhn, Schulz-Knappe, Raida, Fuchs, Klodt, Adermann, Kaefer, Cetin, Forssmann: "GCAP-II: isolation and characterization of the circulating form of human uroguanylin." in: **FEBS letters**, Vol. 374, Issue 1, pp. 34-8, (1995) ([PubMed](#)).



SDS-PAGE

Image 1. Hepatocyte Growth Factor (Hepapoinetin A, Scatter Factor) (HGF) (AA 477-728) protein (GST tag)