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Datasheet for ABIN7387211

Growth Hormone 1 Protein (GH1) (AA 28-217) (His tag)

Overview

Quantity:	100 µg
Target:	Growth Hormone 1 (GH1)
Protein Characteristics:	AA 28-217
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Growth Hormone 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), Positive Control (PC)

Product Details

Sequence:	Pro28-Phe217
Characteristics:	Recombinant Growth Hormone (GH), Prokaryotic expression, Pro28-Phe217, N-terminal His Tag
Purity:	> 90 %

Target Details

Target:	Growth Hormone 1 (GH1)
Alternative Name:	Growth Hormone (GH1 Products)
Background:	GH1, GH-N, GHN, hGH-N, Somatotropin, Hygetropin, Jintropin, Kigtropin, Pituitary Growth Hormone, Growth Hormone, Normal

Target Details

Molecular Weight:	23kDa
UniProt:	P01241
Pathways:	NF-kappaB Signaling , JAK-STAT Signaling , Intracellular Steroid Hormone Receptor Signaling Pathway , Peptide Hormone Metabolism , Regulation of Intracellular Steroid Hormone Receptor Signaling , Regulation of Hormone Metabolic Process , Response to Growth Hormone Stimulus , Regulation of Hormone Biosynthetic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Isoelectric Point:6.4
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Expiry Date:	12 months