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Datasheet for ABIN7318588 HYAL1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	HYAL1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HYAL1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Hyaluronidase-1/HYAL1 Protein (His Tag)
Sequence:	Phe22-Trp435
Characteristics:	Recombinant Human Hyaluronidase-1 is produced by our Mammalian expression system and the target gene encoding Phe22-Trp435 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	HYAL1
Alternative Name:	Hyaluronidase-1/HYAL1 (HYAL1 Products)
Background:	Background: Hyaluronidase-1 (HYAL1) is a secreted lysosomal hyaluronidase that belongs to the glycosyl hydrolase 56 family. HYAL1 contains one EGF-like domain and is highly expressed in the liver, kidney, and heart, but it is weakly expressed in the lung, placenta, and skeletal

Target Details

muscle. HYAL1 is thought to be involved in cell proliferation, migration, and differentiation. It may play a role in promoting tumor progression and blocking the TGF β 1-enhanced cell growth. Mutations in HYAL1 are associated with mucopolysaccharidosis type IX, or hyaluronidase deficiency.

Synonym: Hyaluronidase-1, Hyal-1, Hyaluronoglucosaminidase-1, Lung Carcinoma Protein 1, LuCa-1, HYAL1, LUCA1

Molecular Weight:	47.2 kDa
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UniProt:	Q12794
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Pathways:	Glycosaminoglycan Metabolic Process
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as a 0.2 μ m filtered solution of 20 mM TrisHCl, 150 mM NaCl, 10 % Glycerol, pH 7.5.
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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