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Datasheet for ABIN7454133
HYAL2 Protein (AA 23-448) (His tag)

Overview

Quantity:	100 µg
Target:	HYAL2
Protein Characteristics:	AA 23-448
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HYAL2 protein is labelled with His tag.

Product Details

Purpose:	Mouse Hyaluronidase 2/HYAL2 Protein
Sequence:	Leu23-Asn448
Characteristics:	Recombinant Mouse Hyaluronidase 2/HYAL2 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Leu23-Asn448.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	HYAL2
Alternative Name:	Hyaluronidase 2 (HYAL2 Products)

Target Details

Background:	Hyaluronidases, a family of enzymes that are able to degrade hyaluronic acid (HA), are employed in medicine to increase drug diffusion and reverse the effects of HA filler injections. Hyaluronidases are able to dissolve subcutaneous nodules or to correct excessive quantities of injected filler. Upregulation of hyaluronidase 2 (HYAL2), one of somatic hyaluronidase (HAase), was demonstrated in granulation tissue during the healing of equine superficial digital flexor tendon injuries.
Molecular Weight:	49.87 kDa. Due to glycosylation, the protein migrates to 52-68 kDa based on Tris-Bis PAGE result.
UniProt:	O35632
Pathways:	Transition Metal Ion Homeostasis , Glycosaminoglycan Metabolic Process

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months