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Datasheet for ABIN7504422
HYAL2 Protein (AA 21-447) (His tag)

Overview

Quantity:	100 µg
Target:	HYAL2
Protein Characteristics:	AA 21-447
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HYAL2 protein is labelled with His tag.

Product Details

Purpose:	Human Hyaluronidase 2/HYAL2 Protein
Sequence:	Met21-Gly447
Characteristics:	Recombinant Human Hyaluronidase 2/HYAL2 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Met21-Gly447.
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:	49.22 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.
UniProt:	Q12891
Pathways:	Transition Metal Ion Homeostasis , Glycosaminoglycan Metabolic Process

Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months