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Datasheet for ABIN2723134

**HYAL1 Protein (Transcript Variant 5) (His tag)**

## Overview

Quantity:	10 µg
Target:	HYAL1
Protein Characteristics:	Transcript Variant 5
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HYAL1 protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human HYAL1 / Hyaluronidase-1 (transcript variant 5) protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).

## Target Details

Target:	HYAL1
Alternative Name:	Hyal1,hyaluronidase-1 ( <a href="#">HYAL1 Products</a> )
Background:	This gene encodes a lysosomal hyaluronidase. Hyaluronidases intracellularly degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan is

## Target Details

thought to be involved in cell proliferation, migration and differentiation. This enzyme is active at an acidic pH and is the major hyaluronidase in plasma. Mutations in this gene are associated with mucopolysaccharidosis type IX, or hyaluronidase deficiency. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression. Multiple transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: 47.18kD

NCBI Accession: [NP\\_695017](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

Buffer: Supplied as a 0.2 µM filtered solution of 20 mM TrisHCl, 150 mM NaCl, 10 % Glycerol, pH 7.5

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.