

Recombinant Rat Hyal1 protein, His & T7-tagged

Cat. No. Hyal1-1597R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hyal1 aa. (Ser40~Met449 (Accession # Q76HN1)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser40~Met449
Description	Lysosomal hyaluronidase; degrades intracellular hyaluronan, one of the major glycosaminoglycans in the extracellular matrix; this is the primary hyaluronidase in plasma; active at acidic pH.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 50.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.3

GENE INFORMATION

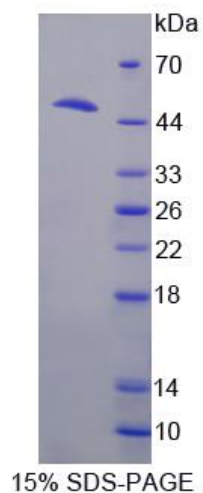
Gene Name	Hyal1 hyaluronoglucosaminidase 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Hyal1
Synonyms	Hyal1; hyaluronoglucosaminidase 1; hyaluronidase-1; hyal-1
Gene ID	367166
mRNA Refseq	NM_207616.1
Protein Refseq	NP_997499.1
UniProt ID	Q76HN1

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SDS-PAGE



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