

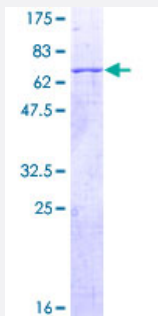
Full-Length

HYAL3 (Human) Recombinant Protein (P01)

Catalog # H00008372-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HYAL3 full-length ORF (AAH05896, 1 a.a. - 417 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTTQLGPALVLGVALCLGCGQPLQVPERPFSVLWNVPSAHCEARFGVHLPLNSLGIANRGQHF
HGQNMTIFYKNQLGLYPYFGPRGTAHNGGIPQALPLDRHLAALAAQIHHSRLRPGFAGPAVLDWEE
WCPLWAGNWGRRRAYQAASWAWAQVFPDLDPQEQLYKAYTGFEQAARALMEDTLRVAQAL
RPHGLWGFYHYPACGNGWHSNASNYTGRCHAATLARNTQLHWLWAASSALFPSMLPPRLPPAH
HQAQVRRHLEEAQFRVALVGHRLPLVLAAYVRLTHRRSGRFLSQDDLVSIGVSAALGAAGVVLW
GDLSSSSEEECWHLHDYLVDTLGPYVINVTAAACSHQRCGHGRCARRDPGQMEAFHLHW
PDGSLGDWKSFSCHCYWGWAGPTCQEPRPGPKEAV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

71.61

Interspecies Antigen Sequence

Mouse (79); Rat (81)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — HYAL3

Entrez GeneID	8372
GeneBank Accession#	BC005896
Protein Accession#	AAH05896
Gene Name	HYAL3
Gene Alias	LUCA-3, LUCA14, LUCA3, Minna14
Gene Description	hyaluronoglucosaminidase 3
Omim ID	604038
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein which is similar in structure to hyaluronidases. Hyaluronidases intracellularly degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan is thought to be involved in cell proliferation, migration and differentiation. However, this protein has not yet been shown to have hyaluronidase activity. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression. [provided by RefSeq]
Other Designations	hyaluronidase 3