

Recombinant Full Length Human HYAL3 Protein, GST-tagged

Cat. No. HYAL3-5727HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HYAL3 full-length ORF (AAH05896, 1 a.a. - 417 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	417 amino acids
Description	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]
Molecular Mass	71.61 kDa
AA Sequence	MTTQLGPALVLGVALCLGCGQLPQVPERPFSVLWNVPSAHCEARFGVHLPLNSLG IIANRGQHFHFGQNMTIFYKNQLGLYPYFGPRGTAHNGGIPQALPLDRHLALAAYQIH HSLRPGFAGPAVLDWEEWCPLWAGNWGRRRAYQAASWAWAQVFPDLDPQEQL YKAYTGFEQAARALMEDTLRVAQALRPHGLWGFYHYPACGNGWHSNASNYTGRC HAATLARNTQLHWLWAASSALFPSIYLPPRLPPAHHQAFVRHRLEEAFRVALVGHR HPLPVLAYVRLTHRRSGRFLSQDDLVSIGVSAALGAAGVVLWGDLSLSSEEECW

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	HLHDYLVDTLGPYVINVTRAAMACSHQRCHGHGRCARRDPGQMEAFLHLWPDGSL GDWKSFSCHCYWGWAGPTCQEPRPGPKEAV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HYAL3 hyaluronoglucosaminidase 3 [Homo sapiens]
Official Symbol	HYAL3
Synonyms	HYAL3; hyaluronoglucosaminidase 3; hyaluronidase-3; LUCA 3; LUCA14; Minna14; lung carcinoma protein 3; LUCA3; HYAL-3; LUCA-3;
Gene ID	8372
mRNA Refseq	NM_001200029
Protein Refseq	NP_001186958
MIM	604038

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UniProt ID

O43820

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