

Product Data Sheet

Recombinant Human HYAL1 Protein

Catalog #	Source	Reactivity	Applications
CRP1693	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human HYAL1 Protein is produced by Mammalian expression system and the target gene encoding Phe22-Trp435 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.		
Gene Symbol	HYAL1		
Alternative Names	LUCA1; Hyaluronidase-1; Hyal-1; Hyaluronoglucosaminidase-1; Lung carcinoma protein 1; LuCa-1		
Entrez Gene	3373 (Human)		
SwissProt	Q12794 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	FRGPLLPNRP FTTVWNANTQ WCLERHGVDV DSVVFDVVAN PGQTFRGPD M TIFYSSQLGT YPYTPTGEP VFGGLPQNAS LIAHLARTFQ DILAAIPAPD FSGLAVIDWE AWRPRWAFNW DTKDIYRQRS RALVQAQHPD WPAPQVEAVA QDQFQGAARA WMAGTLQLGR ALRPRGLWGF YGFPDCYNYD FLSPNYTGQC PSGIRAQNDQ LGWLWGQSRA LPSIYMPAV LEGTGKSQMY VQHRVAEAFR VAVAAGDPNL PVLPHYVQIFY DTTNHFLPLD ELEHSLGESA AQGAAGVVLW VSWENTRTKE SCQAIKEYMD TTLGPFILNV TSGALLCSQA LCSGHGRCVR RTSHPKALL LNPASFSIQL TPGGGPLSLR GALSLEDQAQ MAVEFKRCY PGWQAPWCER KSMWVDHHHH HH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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