

Recombinant Human HYAL2 protein, GST-tagged

Cat. No. HYAL2-301635H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HYAL2 protein(100-428 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	100-428 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.0). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	VPQNVSLWAHRKMLQKRVEHYIRTQESAGLAVIDWEDWRPVWVRNWQDKDVYRR LSRQLVASRHPDWPPDRIVKQAQYEFEEFAAQQFMLETTRYVKAVRPRHLWGFYLF DCYNHDYVQNWESYTGRCPDVEVARNDQLAWLWAESTALFPSVYLDETLASSRHG RNFVSFRVQEALRVARTHANHALPVYVFTRPTYSRRLTGLSEMDLISTIGESAALG AAGVILWGDAGYTTSTETCQYLKDYLTRLLVPYVVNVSWATQYCSRAQCHGHGRC VRRNPSASTFLHLSTNSFRLVPGHAPGEPQLRPVGELSWADIDHLQTHFRCQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [HYAL2 hyaluronoglucosaminidase 2 \[Homo sapiens \]](#)

Official Symbol [HYAL2](#)

Synonyms HYAL2; hyaluronoglucosaminidase 2; hyaluronidase-2; hyaluronidase 2; LuCa 2; LUCA2; lysosomal hyaluronidase; PH 20 homolog; hyal-2; PH20 homolog; PH-20 homolog; lung carcinoma protein 2; hyaluronoglucosaminidase-2;

Gene ID [8692](#)

mRNA Refseq [NM_003773](#)

Protein Refseq [NP_003764](#)

MIM [603551](#)

UniProt ID [Q12891](#)

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SDS-PAGE

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