

FOR IN VITRO RESEARCH USE ONLY.  
NOT FOR USE IN HUMANS OR ANIMALS.

# Recombinant sheep HYAL2 protein



## Basic Information

Catalog Number:

Ag7157

Size:

50 µg

Form:

Available lyophilized

Species:

human

Expression Source:

*e coli*-derived, PGEX-4T, with N-terminal GST.

Biological Activity:

Not tested

Endotoxin Level:

Please contact the lab for more information

Peptide Sequence:

GV PQ NV SL WA HR K ML Q K R V E H Y I R T Q E S A G L A V I D W  
E D W R P V W V R N W Q D K D V Y R R L S R Q L V A S R H P D W P P  
D R I V K Q A Q Y E F E F A A Q Q F M L E T L R Y V K A V R P R H L W G  
F Y L F P D C Y N H D Y V Q N W E S Y T G R C P D V E A R N D Q L A  
W L W A E S T A L F P S V Y L D E T L A S S R H G R N F V S F R V Q E A L  
R V A R T H H A N H A L P V V Y F T R P T Y S R R L T G L S E M D L I S T I  
G E S A A L G A A G V I L W G D A G Y T T S T E T C Q Y L K D Y L T R L L  
V P Y V V N V S W A T Q Y C S R A Q C H G H G R C V R R N P S A S T F  
L H L S T N S F R L V P G H A P G E P Q L R P V G E L S W A D I D H L Q T  
H F R C Q C Y L G W S G E Q C Q W D H R Q A A G G  
(99-448 aa encoded by BC000692)

## Reconstitution and Storage

Reconstitution:

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

Shipping:

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the recommended temperature (see below).

## Purity

85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

## Formulation

The purified protein was Lyophilized from sterile PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.

## Stability and Storage

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

## Storage of Reconstituted Protein

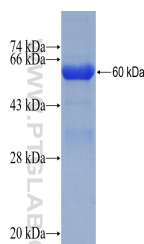
Short Term Storage:

Store at 2-8°C for (1-2 weeks).

Long Term Storage:

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.

## Selected Validation Data



For technical support and original validation data for this product please contact:

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