

Recombinant Human HYAL4 protein, His-tagged

Cat. No. HYAL4-795H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HYAL4 protein(NP_036401)(29-460 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	29-460 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	LKSISCLKPARLPIYQRKPFIAAWNAPTDQCLIKNLRLNLKMFVIGSPLAKARGQNV TIFYVNRLGYYPWYTSQGVPINGGLPQNISLQVHLEKADQDINYYIPAEDFSGLAVID WEYWRPQWARNWNSKDVYRQKSRKLISDMGKNVSATDIEYLAKVTFEESAKAFMK ETIKLGIKSRPKGLWGYLYPDCHNYNVYAPNYSGSCPEDEVLRNNELSWLWNSSA ALYPSIGVWKS LGDSENILRFSKFRVHESMRISTMTSHDYALPVFVYTRLGYRDEPLF FLSKQDLVSTIGESAALGAAGIWIWGMNLTSSKANCTKVQKFVSSDLGSIYIANVTRA AEVCSLHLCRNNGRCIRKMWNAPSYLHLNPASYHIEASEEDGEFTVKGKASDTDLAV MADTFSCHCYQGYEGADCREIKTADGCSGVSP
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks).

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Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer 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.

GENE INFORMATION

Gene Name [HYAL4 hyaluronoglucosaminidase 4 \[Homo sapiens \]](#)

Official Symbol [HYAL4](#)

Synonyms [HYAL4](#); [hyaluronoglucosaminidase 4](#); [hyaluronidase-4](#); [hyaluronidase 4](#); [hyal-4](#); [hyaluronoglucosaminidase-4](#); [chondroitin sulfite hydrolase](#); [CSHY](#);

Gene ID [23553](#)

mRNA Refseq [NM_012269](#)

Protein Refseq [NP_036401](#)

MIM [604510](#)

UniProt ID [Q2M3T9](#)

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SDS-PAGE



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