

Recombinant Human HAS1 protein, His-tagged

Cat. No. HAS1-3527H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HAS1 protein(74-401 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	74-401 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	YLEHRRVAAAARGPLDAATARSVALTISAYQEDPAYLRQCLASARALLYPRARLRVL MVVDGNRAEDLYMVDMFREVFADDPATYVWDGNYHQPWEPAAAGAVGAGAYR EVEAEDPGRLAVEALVRTRRCVCVAQRWGGKREVMYATFKALGDSMDYVQVCDS DTRLDPMALLELVRVLDEDPRVGAVGGDVRILNPLDSWVSFLSSLRYWVAFNVERA CQSYFHCVSCISGPLGLYRNNLLQQFLEAWYNQKFLGTHCTFGDDRHLTNRMLSM GYATKYTSRRCYSETPSSFLRWLSQQTRWSKSYFREWLINALWWHRHHAWMT
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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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.

GENE INFORMATION

Gene Name

[HAS1 hyaluronan synthase 1 \[Homo sapiens \]](#)

Official Symbol

[HAS1](#)

Synonyms

HAS1; hyaluronan synthase 1; HAS; huHAS1; HA synthase 1; hyaluronate synthase 1; hyaluronic acid synthase 1;

Gene ID

[3036](#)

mRNA Refseq

[NM_001523](#)

Protein Refseq

[NP_001514](#)

MIM

[601463](#)

UniProt ID

[Q92839](#)

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