

Recombinant Full Length Mouse Hyaluronan Synthase 3(Has3) Protein, His-Tagged

Cat. No. RFL15311MF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Mouse Hyaluronan synthase 3(Has3) Protein (O08650) (1-554aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Mus musculus

Source

E.coli

ProteinLength

Full Length (1-554)

Form

Lyophilized powder

AA Sequence

MPVQLTTALRVVGTSLFALVVLGGILAAAYVTGYQFIHTEKHYSFGLYGAILGLHLLIQ
S LFAFLEHRRMRRAGRPLKLHCSQRPRSVLALCIAAYQEDPEYLRKCLRSAQRIAFP
NLKVV MVVDGNRQEDTYMLDIFHEVLGGTEQAGFFVWRSNFHEAGEGETEASLQE
GMERVRAVWW ASTFSCIMQKWGGKREVMYAFKALGNSVDYIQVCDSDTVLDPAC
TIEMLRVLEEDPQVG GVGGDVQILNKYDSWISFLSSVRYWMAFNVERACQSYFGC
VQCISGPLGMYRNSLLQQFL EDWYHQKFLGSKCSFGDDRHLTNRVLSLGYRTKYT
ARSKCLTETPTRYLRWLNQQTRWSK SYFREWLYNSLWFHKHHLWMTYESVVTGF
FPFFLIATVIQLFYRGRINILLFLLTVQLV GIIKATYACFLRGNAEMIFMSLYSLLYMS
SLLPAKIFAIATINKSGWGTSGRKTIVNFI GLIPVSIWVAVLLGGLAYTAYCQDLFSET
ELAFLVSGAILYGCYWVALLMLYLAIIRRC GKKPEQYSLAFAEV

Purity

Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Has3
Synonyms	Has3; Hyaluronan synthase 3; Hyaluronate synthase 3; Hyaluronic acid synthase 3; HA synthase 3
UniProt ID	O08650

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