

Recombinant Mouse Chsy3 Protein, His-tagged

Cat. No. Chsy3-786M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Chsy3 Protein (Ala612-Ser884) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala612-Ser884
Description	Predicted to enable glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetyl galactosaminyltransferase activity. Predicted to be involved in chondroitin sulfate biosynthetic process. Predicted to be located in Golgi cisterna membrane. Predicted to be integral component of membrane. Orthologous to human CHSY3 (chondroitin sulfate synthase 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35 kDa; Accurate Molecular Mass: 35 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[Chsy3 chondroitin sulfate synthase 3 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Chsy3](#)

Synonyms

Chsy3; chondroitin sulfate synthase 3; AI662215; 4833446K15Rik; chondroitin sulfate synthase 3; N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase 3; N-acetylgalactosaminyltransferase 3; carbohydrate synthase 2; chSy-2; chondroitin glucuronyltransferase 3; chondroitin synthase 2; glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase II; EC 2.4.1.175; EC 2.4.1.226

Gene ID

[78923](#)

mRNA Refseq

[NM_001081328](#)

Protein Refseq

[NP_001074797](#)

UniProt ID

[Q5DTK1](#)

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