

Carbohydrate Synthase 1 Recombinant Protein | CHSY1 recombinant protein

Recombinant Carbohydrate Synthase 1 (CHSY1)

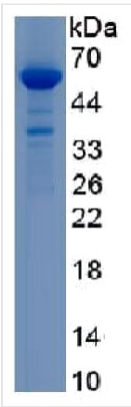
CATALOG # AAA150248	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Carbohydrate Synthase 1; Recombinant Carbohydrate Synthase 1 (CHSY1); CSS1; Chondroitin sulfate synthase 1; Chondroitin glucuronyltransferase 1; Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase 1; CHSY1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 400ug/mL (varies by lot)
Applicable Applications for CHSY1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu601~Ala800
Tags	N-terminal His and GST Tag
Subcellular Location	Golgi apparatus
Traits	Freeze-dried powder
Predicted isoelectric point	7.3
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence

LPVSGGFSRALALEVGSSQFNNESLLFFCDVLDVFTAEFLQRCRANTV.LGQIYFPISQYDPKIVYSGKVPSDNIHFA
FTQATQFWRNRYGFGITQYKGLVRYVGQFDVSGGWGLEDDVLFKVVYAGLKTFRSQEVGVVHHHPVYCDNLDP
KQYKMLGSKASTFGSTQQLAEINYLEKMDPSYSKSSSHSARTA

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CHSY1 recombinant protein	Enzyme & Kinase; Metabolic pathway; Hepatology; Nutrition metabolism
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NCBI AND UNIPROT INFORMATION

NCBI GI #	646699949
UniProt Accession #	Q6ZQ11
Molecular Weight	Predicted Molecular Mass: 55.9kDa Accurate Molecular Mass: 56kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Chondroitin sulfate synthase 1
UniProt Protein Name	Chondroitin sulfate synthase 1
UniProt Gene Name	Chsy1
UniProt Synonym Gene Names	Kiaa0990; ChSy-1
UniProt Entry Name	CHSS1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.