

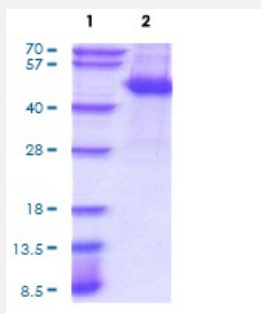
Bioactive

Chst5 (Mouse) Recombinant Protein

Catalog # P8095

Size 100 ug

Applications



Specification

Product Description

Mouse Chst5 (Q9QUP4, 27 a.a. - 395 a.a.) partial length recombinant protein His tag expressed in Baculovirus expression system.

Sequence

SRQVPSSPAGLGERVHVLVLSSWRSGSSFVGQLFSQHPDVFYLMPEAWHVWDTLSQGSAPAL
HMAVRDLIRSVFLCDMDVFDAYLPWRRNISDLFQWAVSRALCSPVCEAFARGNISSEEVCKPL
CATRPFGLAQEACSSYSHVVLKEVRFFNLQVLYPLLSDPALNLRVHLVRDPRAVLR SREQTAKA
LARDNGMLGTNGTWVEADPRLRVVNEVCRSHVRIAEAAALHKPPPFLQDRYRLVRYEDLARDPLT
VIRELYAFTGLGLTPQLQQTWIIHNITHGSGPGARREAFKTTSRDALSVSQAWRH TL PFAKIRRVQELC
GGALQLLGYSVHSELEQRDLSLDLLLPRGMDSFKWASSTEKQPES

Host

Viruses

Theoretical MW (kDa)

42.9

Form

Liquid

Preparation Method

Baculovirus expression system

Purity

> 90% by SDS-PAGE

Endotoxin Level

< 1 EU per 1 ug of protein (determined by LAL method)

Activity

Specific activity is > 10000 pmol/min/ug, and is defined as the amount of enzyme that sulfate from P APS to N-acetyl-D-glucosamine per minute at pH 7.5, at 37°C.

Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (20% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Chst5

Entrez GeneID	56773
Protein Accession#	Q9QUP4
Gene Name	Chst5
Gene Alias	AI173964, GST-4, I-GlcNAc-6-ST
Gene Description	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 5
Gene Ontology	Hyperlink
Other Designations	I-GlcNAc6ST