

Recombinant Human CSGALNACT1 protein, GST-tagged

Cat. No. CSGALNACT1-3716H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSGALNACT1 (89-149 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	89-149 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	RSEQLRNGQYQASDAAGLGLDRSPPEKTQADLLAFLHSQVDKAEVNAGVKLATEYA AVPFD
Purity	85%, 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 cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name	CSGALNACT1 chondroitin sulfate N-acetylgalactosaminyltransferase 1 [Homo sapiens]
Official Symbol	CSGALNACT1
Synonyms	CSGALNACT1; chondroitin sulfate N-acetylgalactosaminyltransferase 1; ChGn; chondroitin beta1; 4 N acetylgalactosaminyltransferase; CSGalNAcT 1; FLJ11264; beta4GalNAcT-1; chondroitin beta1,4 N-acetylgalactosaminyltransferase; chondroitin beta-1,4-N-acetylgalactosaminyltransferase 1; CSGalNAcT-1; beta4GalNAcT; FLJ13760;
Gene ID	55790
mRNA Refseq	NM_001130518
Protein Refseq	NP_001123990
UniProt ID	Q8TDX6

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