

Datasheet for ABIN7553316
CSGALNACT2 Protein (AA 1-542) (His tag)



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Overview

Quantity:	1 mg
Target:	CSGALNACT2
Protein Characteristics:	AA 1-542
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CSGALNACT2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CSGALNACT2 Protein expressed in mammalien cells.
Sequence:	<p>MPRRGLILHT RTHWLLLGLA LLCSLVLFMY LLECAPQTDG NASLPGVVGE NYGKEYYQAL LQEQUEHYQT RATSLKRQIA QLKQELQEMS EKMRSQERR NVGANGIGYQ SNKEQAPSDL LEFLHSQIDK AEVSIGAKLP SEYGVIPFES FTLMKVFQLE MGLTRHPEEK PVRKDKRDEL VEVIEAGLEV INNPDEDDEQ EDEEGPLGEK LIFNENDFVE GYYRTERDKG TQYELFFKKA DLTEYRHVTL FRPFGPLMKV KSEMIDITRS IINIIVPLAE RTEAFVQFMQ NFRDVCIHQD KKIHLTVVYF GKEGLSKVKS ILESVTSESN FHNYTLVSLN EEFNRGRGLN VGARAWDKGE VLMFFCDVDI YFSAEFLNSC RLNAEPGKKV FYPVVFSLYN PAIVYANQEV PPPVEQQLVH KKDSGFWRDF GFGMTCQYRS DFLTIGGFDM EVKGWGGEDV HLYRKYLHGD LIVIRTPVPG LFHLWHEKRC ADELTPQYR MCIQSKAMNE ASHSHLGMLV FREEIETHLH KQAYRTNSEA VG</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary.</p>

Product Details

In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

CSGALNACT2

Alternative Name:

CSGALNACT2 ([CSGALNACT2 Products](#))

Background:

Chondroitin sulfate N-acetylgalactosaminyltransferase 2 (EC 2.4.1.174) (Chondroitin beta-1,4-N-acetylgalactosaminyltransferase 2) (Beta4GalNAcT-2) (GalNAcT-2),FUNCTION: Transfers 1,4-N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the non-reducing end of glucuronic acid (GlcUA). Required for addition of the first GalNAc to the core tetrasaccharide linker and for elongation of chondroitin chains. {ECO:0000269|PubMed:12433924, ECO:0000269|PubMed:12446672}.

Molecular Weight:

62.6 kDa

UniProt:

[Q8N6G5](#)

Pathways:

[Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
