

Datasheet for ABIN7554007
GLCE Protein (AA 1-617) (His tag)



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Overview

Quantity:	1 mg
Target:	GLCE
Protein Characteristics:	AA 1-617
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLCE protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GLCE Protein expressed in mammalian cells.
Sequence:	MRCLAARVNY KTLIIICALF TLVTVLLWNK CSSDKAIQFP RRSSSGFRVD GFEKRAAASE SNNYMNHVAK QQSEEAFPQE QKAPPVVG G FNSNVGSKVL GLKYEEIDCL INDEHTIKGR REGNEVFLPF TWVEKYFDVY GKVVQYDGYD RFEFSHSYSK VYAQRAPYHP DGVFMSFEGY NVEVRDRVKC ISGVEGVPLS TQWGPQGYFY PIQIAQYGLS HYSKNLTEKP PHIEVYETAE DRDKNKPNDW TVPKGCFMAN VADKSRFTNV KQFIAPETSE GVSLQLGNTK DFIISFDLKF LTNGSVSVVL ETTEKNQLFT IHVVSNAQLI AFKERDIYIG IGPRTSWSTV TRDLVTDLRK GVGLSNTKAV KPTKIMPKKV VRLIAKGKGF LDNITISTTA HMAAFFAASD WLVRNQDEKG GWPIMVTRKL GEGFKSLEPG WYSAMAQQA ISTLVRAYLL TKDHIFLNSA LRATAPYKFL SEQHGVKAVF MNKHDWYEEY PTPSSFVLN GFMYSLIGLY DLKETAGEKL GKEARSLYER GMESLKAMLP LYDTGSGTIY DLRHFMLGIA PNLARWDYHT THINQLQLLS TIDESPVFKE FVKRWKSYLK GSRAKHN Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make

Product Details

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

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: GLCE

Alternative Name: GLCE ([GLCE Products](#))

Background: D-glucuronyl C5-epimerase (EC 5.1.3.17) (Heparan sulfate C5-epimerase) (Hsepi) (Heparin/heparan sulfate:glucuronic acid C5-epimerase) (Heparosan-N-sulfate-glucuronate 5-epimerase),FUNCTION: Converts D-glucuronic acid residues adjacent to N-sulfate sugar residues to L-iduronic acid residues, both in maturing heparan sulfate (HS) and heparin chains. This is important for further modifications that determine the specificity of interactions between these glycosaminoglycans and proteins. {ECO:0000269|PubMed:20118238, ECO:0000269|PubMed:22528493, ECO:0000269|PubMed:30872481}.

Molecular Weight: 70.1 kDa

UniProt: [O94923](#)

Target Details

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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