Datasheet for ABIN7548257

HS6ST3 Protein (AA 1-471) (His tag)

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Overview

Quantity:	1 mg
Target:	HS6ST3
Protein Characteristics:	AA 1-471
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HS6ST3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat HS6ST3 Protein expressed in mammalien cells.
Sequence:	MDERFNKWLL TPVLTLLFVV IMYQYVSPSC TSSCTNFGEQ PRAGEAGPPA VPGPARRAQA PPEEWERRPQ LPPPPRGPPE GPRGAAAPEE EDEEPGDPRE GEEEEEEDEP DPEAPENGSL PRFVPRFNFS LKDLTRFVDF NIKGRDVIVF LHIQKTGGTT FGRHLVKNIR LEQPCSCKAG QKKCTCHRPG KKETWLFSRF STGWSCGLHA DWTELTNCVP AIMEKKDCPR NHSHTRNFYY ITMLRDPVSR YLSEWKHVQR GATWKTSLHM CDGRSPTPDE LPTCYPGDDW SGVSLREFMD CTYNLANNRQ VRMLADLSLV GCYNLTFMNE SERNTILLQS AKNNLKNMAF FGLTEFQRKT QFLFERTFNL KFISPFTQFN ITRASNVEIN EGARQRIEDL NFLDMQLYEY AKDLFQQRYH HTKQLEHQRD RQKRREERRL QREHRDHQWP KEDGAAEGTV TEDYNSQVVR W **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. In case you have a special request, please contact us.**

Product Details

Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien 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:	HS6ST3
Alternative Name:	HS6ST3 (HS6ST3 Products)
Background:	Heparan-sulfate 6-O-sulfotransferase 3 (HS6ST-3) (EC 2.8.2.-),FUNCTION: 6-O-sulfation enzyme which catalyzes the transfer of sulfate from 3'-phosphoadenosine 5'-phosphosulfate (PAPS) to position 6 of the N-sulfoglucosamine residue (GlcNS) of heparan sulfate.
Molecular Weight:	54.8 kDa
UniProt:	Q8IZP7

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