

Datasheet for ABIN7545114
WSCD1 Protein (AA 1-575) (His tag)



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Overview

Quantity:	1 mg
Target:	WSCD1
Protein Characteristics:	AA 1-575
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WSCD1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WSCD1 Protein expressed in mammalian cells.
Sequence:	<p>MAKPFRLQK FLRRTQFLF FLTAAYLMTG SLLLLQVRV ALPQGPRAPG PLQTLPVAAV ALGVLLDSR ALH DPRVSPE LLLGVDMLQS PLTRPRPGPR WLSRNSLR QLRRRWFHFF MSDSQGPPAL GPEARPAIH SRGTYIGCFS DDGHERTLKG AVFYDLRKMT VSHCQDACAE RSYVYAGLEA GAECYCGNRL PAVSVGLEEC NHECKGEKGS VCGAVDRLSV YRVDELQPGS RKRRTATYRG CFRLPENITH AFPSSLIQAN VTVGTCSGFC SQKEFPLAIL RGWECYCAYP TPRFNLRDAM DSSVCGQDPE AQRLAEYCEV YQTPVQDTRC TDRRFLPNKS KVFVALSSFP GAGNTWARHL IEHATGFYTG SYYFDGTLYN KGFKGEKDHWR SRRTICVKT HESGRREIEM FDSAILLIRN PYRSLVAEFN RKCAGHLGYA ADRNWKSEW PDFVNSYASW WSSHVLDWLK YGRKLLVWHY EELRRSLVPT LREMAFLNV SVSEERLLCV ENNKEGSFRR RGRRSHDPEP FTPMEKDLIN GYIRTVQAL RDHNWTGLPR EYVPR 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</p>

Product Details

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: WSCD1

Alternative Name: WSCD1 ([WSCD1 Products](#))

Background: Sialate:O-sulfotransferase 1 (WSC domain-containing protein 1),FUNCTION: Sialate:O-sulfotransferase which catalyzes 8-O-sulfation at the Sia-glycan level using 3'-phosphoadenosine 5'-phosphosulfate (PAPS) as a donor, forming 8-O-sulfated Sia (Sia8S)-glycans. Displays selectivity toward glycolipids such as GM1 gangliosides. {ECO:0000250|UniProtKB:Q80XH4}.

Molecular Weight: 65.7 kDa

UniProt: [Q658N2](#)

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
