

Datasheet for ABIN7545115
WSCD2 Protein (AA 1-565) (His tag)



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Overview

Quantity:	1 mg
Target:	WSCD2
Protein Characteristics:	AA 1-565
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WSCD2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WSCD2 Protein expressed in mammalian cells.
Sequence:	MAKLWFKFQR YFRRKPVRFF TFLALYLTAG SLVFLHSGFV GQPAVSGNQA NPAAAGGPAE GAELSFLGDM HLGRGFRDTG EASSIARRYG PWFKKGKDGNE RAKLGDYGGA WSRALKGRVV REKEERAKY IGCYLDDTQS RALRGVSFFD YKKMTIFRCQ DNCAERGYLY GGLEFGAECY CGHKIQATNV SEAECMECK GERGSVCGGA NRLSVYRLQL AQESARRYGS AVFRGCFRRP DNLSLALPVT AAMLNMSVDK CVDFCTEKEY PLAALAGTAC HCGFPTTRFP LHDREDEQLC AQKCSAEFE SCGTPSYFIV YQTQVQDNRC MDRRFLPGKS KQLIALASFP GAGNTWARHL IELATGFYTG SYYFDGSLYN KGFKGERDHW RSGRTICIKT HESGQKEIEA FDAAILLIRN PYKALMAEFN RKYGGHIGFA AHAHWKGKEW PEFVRNYAPW WATHTLDWLK FGKKVLVHF EDLKQDLFVQ LGRMVSL LGV AVREDRLLCV ESQKDGNFKR SGLRKLEYDP YTADMQKTIS AYIKMVDAAL KGRNLTGVPD DYYPR 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

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: WSCD2

Alternative Name: WSCD2 ([WSCD2 Products](#))

Background: Sialate:O-sulfotransferase 2 (WSC domain-containing protein 2),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 glycoproteins such as TF/transferrin. {ECO:0000250|UniProtKB:D4PHA7}.

Molecular Weight: 63.8 kDa

UniProt: [Q2TBF2](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

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
