

Datasheet for ABIN7544046
SYDE1 Protein (AA 1-735) (His tag)



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Overview

Quantity:	1 mg
Target:	SYDE1
Protein Characteristics:	AA 1-735
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYDE1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SYDE1 Protein expressed in mammalian cells.
Sequence:	MAEPLLRKTF SRLRGREKLP RKKSDAKERG HPAQRPEPSP PEPEPQAPEG SQAGAEGPSS PEASRSPARG AYLQSLEPSS RRWVLGGAKP AEDTSLGPGV PGTGEPAGEI WYNPIPEEDP RPPAPEPPGP QPGSAESEGL APQGAAPASP PTKASRTKSP GPARRLSIKM KKLPELRRRL SLRGPRAGRE RERAAPAGSV ISRYHLDSSV GPGGPAAGPG GTRSPRAGYL SDGDSPERPA GPPSPTSFRP YEVGPAARAP PAALWGRLSL HLYGLGGLRP APGATPRDLC CLLQVDGEAR ARTGPLRGGP DFLRLDHTFH LELEAARLLR ALVLAWDPGV RRHRPCAQGT VLLPTVFRGC QAQQLAVRLE PQGLLYAKLT LSEQQEAPAT AEPRVFGPLPL PLLVERERPP GQVPLIIQKC VGQIERRGLR VVGLYRLCGS AAVKKELRDA FERDSAACVCL SEDLYPDINV ITGILKDYLR ELPTPLITQP LYKVVLEAMA RDPPNRVPPT TEGTRGLLSC LPDVERATLT LLLDHLRLVS SFHAYNRMTP QNLAVCFGPV LLPARQAPTR PRARSSGPGI ASAVDFKHHI EVLHYLLQSW PDPRLPRQSP DVAPYLRPKR QPPLHLPLAD PEVTRPRGR GGPESPPSNR YAGDWSVCGR DFLPCGRDFL SGPDYDHVTG SDESEDEEV GEPRVTGDFE DDFDAPFNPH LNLKDFDALI

Product Details

LDLERELSKQ INVCL **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.**

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: SYDE1

Alternative Name: SYDE1 ([SYDE1 Products](#))

Background: Rho GTPase-activating protein SYDE1 (Synapse defective protein 1 homolog 1) (Protein syd-1 homolog 1),FUNCTION: GTPase activator for the Rho-type GTPases. As a GCM1 downstream effector, it is involved in placental development and positively regulates trophoblast cells migration. It regulates cytoskeletal remodeling by controlling the activity of Rho GTPases including RHOA, CDC42 and RAC1 (PubMed:27917469). {ECO:0000269|PubMed:27917469}.

Molecular Weight: 79.8 kDa

UniProt: [Q6ZW31](#)

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
