

Datasheet for ABIN7555642
SYDE2 Protein (AA 1-1194) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SYDE2
Protein Characteristics:	AA 1-1194
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYDE2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SYDE2 Protein expressed in mammalian cells.
Sequence:	MHDLPPDSGA RRGGRGLADH SFPAGARAPG QPPSRGAAYR RACPRDGERG GGGPRRQQVS PPRSPQREPR GGQLRTPRMR PSCSRSLLESL RVGAKPPPFQ RWPSDSWIRC GAHRDWDEPP PRGGRMDGWS GDRARAAAPT GLQPPGCKDH GCSSGSPFRD PAGSSVIRSG KGDRQEGPSF LRPPAVTVKK LQKWMYKGR LSLGMKGRAR GTAPKVTGTQ AASPNVGALK VRENRLVLSVP PDQRITLTDL FENAYGSSMK GRELEELKDN IEFRGHKPLN SITVSKKRNW LYQSTLRPLN LEENKCCQD RSHLSISPVS LPKHLSQSF LKSSKEYCTY VVCNATNSSL SKNCALDFNE ENDADDEGEI WYNPIPEDDD LGISSALSFG EADSAVLKLP AVNLSMLSGS DLMKAERHTE DSLCSSEHAG DIQTTRSNGM NPIHPAHSTE FVQQYKQKLG HKTQEGIMVE DSPMLKSPFA GSGILAATNS TELGIMEPSS PNPSPVKKGS SINWSPDKI KSPRTVRKLS MKMKKLPEFS RKLSVKGTLN YINSPDNTPS LSKYNCREVH HTDILPSGNT TTAAKRNVIS RYHLDTSVSS QQSYQKKNM SSKYSCKGGY LSDGDPELT TKASKHGEN KFGKGKEIS NSCSKNEIDI DAFRHYFSFD QPKCSQYISG LMSVHFYGAE DLKPPRIDSK DVFCIQVDS VNKARTALLT

Product Details

CRTTFLDMDH TFNIEIENAQ HLKLVFSWE PTPRKNRVCC HGTVVLPRLF RVTKTHQLAV
KLEPRGLIYV KVTLMQWEN SLHGLDINQE PIIFGVDIQK VVEKENIGLM VPLLIQKCM
EIEKRCQVW GLYRLCGSAA VKKELREAFE RDSKAVGLCE NQYPDINVIT GVLKDYREL
PSPLITKQLY EAVLDAMAKS PLKMSSNGCE NDPGDSKYTV DLLDCLPEIE KATLKMLLDH
LKLVASVHEV NKMTCQNLAV CFGPVLLSQR QEPSTHNNRV FTDSEELASA LDFKKHIEVL
HYLLQLWPVQ RLTVKKSTDN LFPEQKSSLN YLRQKKERPH MLNLSGTDSS GVLRRPQRNL
DSPLSNRYAG DWSSCGENYF LNTKENLNDV DYDDVPSDR KIGENYSKMD GPEVMIEQPI
PMSKECTFQT YLTMQTVEST VDRKNNLKDL QESIDTLIGN LERELNKNKL NMSF **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: SYDE2

Alternative Name: SYDE2 ([SYDE2 Products](#))

Target Details

Background:	Rho GTPase-activating protein SYDE2 (Synapse defective protein 1 homolog 2) (Protein syd-1 homolog 2),FUNCTION: GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state. {ECO:0000250}.
Molecular Weight:	133.2 kDa
UniProt:	Q5VT97

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