

Datasheet for ABIN7555650

STARD13 Protein (AA 1-1113) (His tag)



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Overview

Quantity:	1 mg
Target:	STARD13
Protein Characteristics:	AA 1-1113
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STARD13 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat STARD13 Protein expressed in mammalian cells.
Sequence:	<p>MFSQVPRTPA SGCYYLNSMT PEGQEMYLRF DQTTRRSPYR MSRILARHQL VTKIQQEIEA</p> <p>KEACDWLRAA GFPQYAQLYE DSQFPINIVA VKNDHDFLEK DLVEPLCRRL NTLNKCASKM</p> <p>LDVNFQRKKG DDSDEEDLCI SNKWTFQRTS RRWSRVDDL TLLPRGDRNG SPGGTGMRNT</p> <p>TSSSVLTDL SEPEVCSHS ESSGGSDSRS QPGQCCTDNP VMLDAPLVSS SLPQPDRV</p> <p>NHPFHPKNEK PTRARAKSFL KRMETLRGKG AHGRHKGSGR TGGLVISGPM LQQEPESFKA</p> <p>MQCIQIPNGD LQNSPPACR KGLPCSGKSS GESSPSEHSS SGVSTPCLKE RKCHEANKRG</p> <p>GMYLEDLDVL AGTALPDAGD QSRMHEFHSQ ENLVVHIPKD HKPGTFPKAL SIESLSPTDS</p> <p>SNGVNWRTGS ISLGREQVPG AREPRLMASC HRASRVSIYD NVPGSHLYAS TGDLLDLEKD</p> <p>DLFPHLDDIL QHVNGLQEVV DDWSKDVLP LQTHDTLVGE PGLSTFPSPN QITLDFEGNS</p> <p>VSEGRTTPSD VERDVTSLNE SEPPGVRDRR DSGVGASLTR PNRRRLRWNSF QLSHQPRPAP</p> <p>ASPHISSQTA SQLSLLQRF S LLRLTAIMEK HSMSNKHGWT WSVPKFMKRM KVPDYKDKAV</p>

FGVPLIVHVQ RTGQPLPQSI QQALRYLRSN CLDQVGLFRK SGVKSRIHAL RQMNFENFEN
VNYEDQSAYD VADMVKQFFR DLPEPLFTNK LSETFLHIYQ YVSKEQRLQA VQAAILLLAD
ENREVLQTLL CFLNDVVNLV EENQMTMPMNL AVCLAPSLFH LNLLKKESSP RVIQKKYATG
KPDQKDLNEN LAAAQGLAHM IMECDRLFV PHELVAQSRN SYVEAEIHVP TLEELGTQLE
ESGATFHTYL NHLIQGLQKE AKEKFKGWVT CSSTDNTDLA FKKVGDGNPL KLWKASVEVE
APPSVVLNRV LRERHLWDED FVQWKVVETL DRQTEIYQYV LNSMAPHPSR DFVVLRTWKT
DLPKGMCTLV SLSVEHEEAQ LLGGVRAVVM DSQYLIEPCG SGKSRLTHIC RIDLKGHSPE
WYSKGFGHLC AAEVARIRNS FQPLIAEGPE TKI **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

STARD13

Alternative Name:

STARD13 ([STARD13 Products](#))

Background:

StAR-related lipid transfer protein 13 (46H23.2) (Deleted in liver cancer 2 protein) (DLC-2) (Rho GTPase-activating protein) (START domain-containing protein 13) (StARD13),FUNCTION:

Target Details

	GTPase-activating protein for RhoA, and perhaps for Cdc42. May be involved in regulation of cytoskeletal reorganization, cell proliferation and cell motility. Acts a tumor suppressor in hepatocellular carcinoma cells. {ECO:0000269 PubMed:14697242, ECO:0000269 PubMed:16217026}.
Molecular Weight:	125.0 kDa
UniProt:	Q9Y3M8

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