

Datasheet for ABIN7563582
SOS2 Protein (AA 1-1333) (His tag)



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Overview

Quantity:	1 mg
Target:	SOS2
Protein Characteristics:	AA 1-1333
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOS2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Sos2 Protein expressed in mammalian cells.
Sequence:	MQQAPQPYEF FSEENSPKWR GLLVPALRKV QEQVHPTLSA NEESLYYIEE LIFQLLNKLC MAQPRTVQDV EERVQKTFPH PIDKWAIADA QSAIEKRKR NPLLLPVDKI HPSLKEVLGY KVDYHVSLEYI VAVLEYISAD ILKLAGNYVF NIRHYEISQQ DIKVSMDADK VLMDMFDQDD DIGLVSLCED EPCSSGELNY YDLVRTEIAE ERQYLRELM IIKVFREAFL LDRKLFKPSE IEKIFSNISD IHELTVKLLG LIEDTVEMTD ESSPHPLAGS CFEDLAEQA FDPYETLSQD ILAPEFNDHF SKLMARPAVA LHFQSIADGF KEAVRYVLPR LMLVPVYHCW HYFELLKQLK ACSEEQEDKE CLNQAITALM NLQGSMDRIY KQHSPRRRPG DPVCLFYNRQ LRSKHLAIKK MNEIQKNIDG WEGKDIGQCC NEFIMEGPLT RIGAKHERHI FLFDGLMISC KPNHGQTRLP GYSSAEYRLK EKFMVRKIQI CDKEDACEYR HAFELVSKDE NSVIFAAKSA EEKNNWMAAL ISLHYRSTLD RMLDSVLLKE ENEQPLRLPS PDMYRFVVD SEENIVFEDN LQSRSGIPII KGGTVVKLIE RLTYHMYADP NFVRTFLTYY RSFCKPQELL NLLIERFEIP EPEPTADKL ALEKGEQPIS

ADLKRFRKEY VQPVQLRVLN VFRHWVEHHY YDFERDLELL ERLESFISSV RGKAMKKWVE
SIAKIIKRKK QAQANGISHN ITFESSPPPV EWHISRTGQF ETFDLMTLHP IEIARQLTLL
ESDLYRKVQP SELVGSVWTK EDKEINSPNL LKMIRHTTNL TLWFEKCIVE AENFEERVAV
LSRIVEILQV FQDLNNFNGV LEIVSAVNSV SVYRLDHTFE ALQERKRRIL DDAVELSQDH
FKKYLVKLKS INPPCVFFG IYLTNLIKTE EGNSDFLKRK GKDLINFSKR RKVAEITGEI
QQYQNQPYCL RTEPEMRRFF ENLNPMGILS EKEFTDYLFN KSLEIEPRNC KQPPRFPRKS
TFSLKSPGIR PNAGRHGSTS GTLRGHPTPL EREPYKISFS RIAETELEST VSAPTSPNTP
STPPVSASSD HSVFLDVDLN SSCGSNTIFA PVLLPHSKTF FSSCGSLHKL SEEPLIPPL
PPRKKFDHDA LNSKGAVKSD DDPPAIPPRQ PPPPKVKPRV PVLMGTFDGP VPSPPPPPPR
DPLPDTPPV PLRPPEHFIN CPFNLQPPPL GHPHRDPDWL RDVSTCPNSP STPPTTPSPR
IPRSCHLLSS SHSSLAHLPA PPVPPRQNSS PLLPKLPPKT YKRELSHPPL YRLPLENAE TPQ

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:	SOS2
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Target Details

Alternative Name:	Sos2 (SOS2 Products)
Background:	Son of sevenless homolog 2 (SOS-2) (mSOS-2),FUNCTION: Promotes the exchange of Ras-bound GDP by GTP. {ECO:0000250 UniProtKB:Q62245}.
Molecular Weight:	153.1 kDa
UniProt:	Q02384
Pathways:	RTK Signaling , Neurotrophin Signaling Pathway , Hepatitis C , BCR Signaling

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