Datasheet for ABIN7559199
SCAI Protein (AA 1-606) (His tag)

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Overview

Quantity:	1 mg
Target:	SCAI
Protein Characteristics:	AA 1-606
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SCAI protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Scai Protein expressed in mammalian cells.
Sequence:	MVRGARQSQQ PRSRLAPRLS GTVEKPPRKR KSRTEFTLKE TMSSGGAEDD IPQGERKTVT DFCYLLDKSK QLFNGLRDLP QYGQKQWQSY FGRTFDVYTK LWKFQQQHRQ VLDNRYGLKR WQIGEIASKI GQLYYHYYLR TSETSYLNEA FSFYSAIRQR SYYSQVNKED RPELVVKKLR YYARFIVVCL LLNKMDVVKD LVKELSDEIE DYTHRFNTED QVEWNLVLQE VAAFIEADPV MVLNDDNTIV ITSNRLAETG APLLEQGMIV GQLSLADALI IGNCNNQVKF SELTVDMFRM LQALEREPMN LASQMNKPGI QEPADKPTRR ENPHKYLLYK PTFSQLYTFL AASFKELPAN SVLLIYLSAT GVFPTGRSDG EGPYDFGGVL TNSNRDIING DAIHKRNQSH KEMHCLHPGD LYPFTRKPLF IVVDSSNSVA YKNFTNLFGQ PLVCLLSPTA YPKALQDQSQ RGSLFTLFLN NPLMAFLFVS GLSSMRRGLW EKCQEYLRKI NRDIAQLLTH SRSIDQAFLQ FFGDEFLRLL LTRFVFCSAT MRMHKAFRET RNYPESYPQL PRDETVENPH LQKHILELAS ILDVRNIFFE NSMDDY **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.**

Product Details

	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:	SCAI
Alternative Name:	Scai (SCAI Products)
Background:	Protein SCAI (Suppressor of cancer cell invasion protein),FUNCTION: Tumor suppressor which functions to suppress MRTFA-induced SRF transcriptional activity. May function in the RHOA-DIAPH1 signal transduction pathway and regulate cell migration through transcriptional regulation of ITGB1. {ECO:0000269|PubMed:19350017}.
Molecular Weight:	70.3 kDa
UniProt:	Q8C8N2

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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