

Datasheet for ABIN7558644
SERINC5 Protein (AA 1-461) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	SERINC5
Protein Characteristics:	AA 1-461
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERINC5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Serinc5 Protein expressed in mammalian cells.
Sequence:	<p>MSARCCAGQL ACCCGSAGCS LCCGCCPKFR QSRTTRFML FYFILVIALC CVMMPSPVMK QVKDHIPFFE EFCKKTQAGG DACENLVGYS AVYRVCFGMA CFFALFCLLT LKVNNSKSCR AYIHNGFWFF KLLLLGAMCS GAFFIPDQET FLKVWRYVGA GGSFLFICIQ LLLIVQFAHK WNKNWTAGTV RNKLWYASLS LVTLIMYSVA VGGLALMAVF YQWDDCMDN KILLGVHGGL CVLISLVAIS PCVQNRQPHS GLLQSGGLISC YVTYLTFSAL TSKPEKKVLD EHGKNVTICA PDFGQDLHRD ENMVTWLGTL LLVICISYSC LTSTTRSSSD ALQSRGAP LEVARCCFCF GPDGEDTEEQ QNVKKGPRVI YDEKKGTVYS YSYFHFVFFL ASLYVMMLT SWFHYENATI KTFSGWSVF WVKMASCWMC VLLYLQTLVA PLCCPSRQFS V 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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:

SERINC5

Alternative Name:

Serinc5 ([SERINC5 Products](#))

Background:

Serine incorporator 5 (Axotomy-induced glycoprotein 3) (AIGP-3),FUNCTION: Restriction factor required to restrict infectivity of gammaretroviruses: acts by inhibiting early step of viral infection and impairing the ability of the viral particle to translocate its content to the cytoplasm (By similarity). Enhances the incorporation of serine into phosphatidylserine and sphingolipids. May play a role in providing serine molecules for the formation of myelin glycosphingolipids in oligodendrocytes (By similarity). {ECO:0000250|UniProtKB:Q63175, ECO:0000250|UniProtKB:Q86VE9}.

Molecular Weight:

51.8 kDa

UniProt:

[Q8BHJ6](#)

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
