

Datasheet for ABIN7555490

## SERINC5 Protein (AA 1-423) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	SERINC5
Protein Characteristics:	AA 1-423
Origin:	Human
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>MSAQCCAGQL ACCCGSAGCS LCCDCCPRIR QSLSTRFMYA LYFILVVVLC CIMMSTTVAH            KMKEHIPFFE DMCKGIKAGD TCEKLVGYSA VYRVCFGMAC FFFIFCLLTL KINNSKSCRA            HIHNGFWFFK LLLLGMCSG AFFIPDQDTF LNAWRYVGAV GGFLFIGIQL LLLVEFAHKW            NKNWTAGTAS NKLWYASLAL VTLIMYSIAT GGLVLMVAFY TQKDSCMENK ILLGVNGLLC            LLISLVAISP WVQNRQPHSG LLQSGVISCY VTYLTFSALS SKPAEVLDE HGKNVTICVP            DFGQDLYRDE NLVTILGTSL LIGCILYSCL TSTTRSSSDA LQGRYAAPEL EIARCCFCFS            PGGEDTEEQQ PGKEGPRVIY DEKKGTVYIY SYFHFVFFLA SLYVMMTVTN WFNHVRSAFH LLP</p> <p><b>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.</b></p> <p><b>In case you have a special request, please contact us.</b></p>
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.

## Product Details

Characteristics:	<div><div>Key Benefits:</div><ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul><p>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.</p><p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p><p>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.</p></div>
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 ( <a href="#">SERINC5 Products</a> )
Background:	Serine incorporator 5,FUNCTION: Restriction factor required to restrict infectivity of lentiviruses, such as HIV-1: acts by inhibiting an early step of viral infection. Impairs the penetration of the viral particle into the cytoplasm (PubMed:26416733, PubMed:26416734). 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:0000269 PubMed:26416733, ECO:0000269 PubMed:26416734}.
Molecular Weight:	47.0 kDa
UniProt:	<a href="#">Q86VE9</a>

## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
--------------------	--

Application Details

	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