

Datasheet for ABIN7546077

SERINC3 Protein (AA 1-473) (His tag)



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Overview

Quantity:	1 mg
Target:	SERINC3
Protein Characteristics:	AA 1-473
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERINC3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SERINC3 Protein expressed in mammalian cells.
Sequence:	<p>MGAVLGVFSL ASWVPCLCSG ASCLLCSCCP NSKNSTVTRL IYAFILLST VVSYIMQRKE</p> <p>METYLKKIPG FCEGGFKIHE ADINADKDCD VLVGYKAVYR ISFAMAIFFF VFSLLMFKVK</p> <p>TSKDLRAAVH NGFWFFKIAA LIGIMVGSFY IPGGYFSSVW FVGMIGAAL FILIQLVLLV</p> <p>DFAHSWNESW VNRMEEGNPR LWYAALLSFT SAFYILSIIC VGLLYTYTYTK PDGCTENKFF</p> <p>ISINLILCVV ASIISHPKI QEHQPRSGLL QSSLITLYTM YLTWSAMSNE PDRSCNP NLM</p> <p>SFITRITAPT LAPGNSTAVV PTPTPPSKSG SLLDSDNFIG LFVFLCLLY SSIRTSTNSQ</p> <p>VDKLTLGSD SVILGDTTTS GASDEEDGQP RRAVDNEKEG VQYSYSLFHL MLCLASLYIM</p> <p>MTLTSWYSPD AKFQSMTSKW PAVWVKISSS WVCLLLYVWT LVAPLVLTSR DFS Sequence</p> <p>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:

SERINC3

Alternative Name:

SERINC3 ([SERINC3 Products](#))

Background:

Serine incorporator 3 (Tumor differentially expressed protein 1),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). {ECO:0000269|PubMed:26416733, ECO:0000269|PubMed:26416734}.

Molecular Weight:

52.6 kDa

UniProt:

[Q13530](#)

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.

Application Details

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