

Datasheet for ABIN7555599

## SP140 Protein (AA 1-867) (His tag)



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### Overview

Quantity:	1 mg
Target:	SP140
Protein Characteristics:	AA 1-867
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SP140 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant SP140 Protein expressed in mammalian cells.
Sequence:	MAQQGQQGQM ASGDSNLNFR MVAEIQNVEG QNLQEQVCPE PIFRFFRENK VEIASAITRP FPFLMGLRDR SFISEQMYEH FQEAFRNLVP VTRVMYCVLS ELEKTFGWSH LEALFSRINL MAYPDLNEIY RSFQNVCYEH SPLQMNNVND LEDRPRLLPY GKQENSNACH EMDDIAPVQE ALSSSPRCEP GFSSSESCEQL ALPKAGGGDA EDAPSLPPGG GVSCKLAIQI DEGESEEMPK LLPYDTEVLE SNGMIDAART YSTAPGEKQG EEEGRNSPRK RNQDKEKYQE SPEGRDKETF DLKTPQVTNE GEPEKGLCLL PGEGEEGSDD CSEMCDGEEP QEASSSLARC GSVSCLSAET FDLKTPQVTN EGEPEKELSL LPGEGEEGSD DCSEMCDGEE RQEASSSLAR RGSVSSELEN HPMNEEGESE ELASSLLYDN VPGAQESAYE NEKCSCVMCF SEEVPGSPEA RTESDQACGT MDTVDIANNS TLGKPKRKRR KKRGHGWSRM RMRRQENSQQ NDNSKADGQV VSSEKKANVN LKDLISKIRGR KRGKPGTRFT QSDRAAQKRV RSRASRKHKD ETVDFKAPLL PVTGGVKG LHKKKLQQGI LVKCIQTEDG KWFTPTFEI KGGHARSKNW RLSVRCGGWP LRWLMENGFL PDPPIRYRK KKRILKSQNN SSVDPKMRNL DECEVCRDGG ELFCCDTCR VFHEDCHIPP

VEAERTPWNC IFCRMKESPG SQCCQSEV LERQMCPEEQ LKCEFLLLKV YCCSESSFFA  
KIPYYYYIRE ACQGLKEPMW LDKIKKRLNE HGYPQVEGFV QDMRLIFQNH RASYKYKDFG  
QMGRLEAEF EKNFKEVFAI QETNGNN **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.**

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:	<p>Key Benefits:</p> <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>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	SP140
Alternative Name:	SP140 ( <a href="#">SP140 Products</a> )
Background:	Nuclear body protein SP140 (Lymphoid-restricted homolog of Sp100) (LYSp100) (Nuclear autoantigen Sp-140) (Speckled 140 kDa),FUNCTION: Component of the nuclear body, also known as nuclear domain 10, PML oncogenic domain, and KR body (PubMed:8910577). May be involved in the pathogenesis of acute promyelocytic leukemia and viral infection (PubMed:8910577). May play a role in chromatin-mediated regulation of gene expression although it does not bind to histone H3 tails (PubMed:24267382).

### Target Details

	{ECO:0000269 PubMed:24267382, ECO:0000269 PubMed:8910577, ECO:0000303 PubMed:8910577}.
Molecular Weight:	98.2 kDa
UniProt:	<a href="#">Q13342</a>

### 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