

Datasheet for ABIN7555435  
**SCRIB Protein (AA 1-1630) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	SCRIB
Protein Characteristics:	AA 1-1630
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SCRIB protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant SCRIB Protein expressed in mammalian cells.
Sequence:	MLKCIPLWRC NRHVESVDKR HCSSLQAVPEE IYRYSRSLEE LLLDANQLRE LPKPFFRLLN LRKLGSDNE IQRLPPEVAN FMQLVELDVS RNDIPEIPES IKFCKALEIA DFGSNPLSRL PDGFTQLRSL AHLALNDVSL QALPGDVGNL ANLVTELELRE NLLKSLPASL SFLVKLEQLD LGGNDLEVLP DTLGALPNLR ELWLDNRNQLS ALPPELGNLR RLVCLDVSEN RLEELPAELG GLVLLTDLLE SQNLLRRLPD GIGQLKQLSI LKVDQNRCE VTEAIGDCEN LSELILTENL LMALPRSLGK LTKLTNLNVD RNHLEALPPE IGGCVALSVL SLRDNRRLAVL PPELAHTTEL HVLDVAGNRL QSLPFALHTL NLKALWLAEN QAQPMLRFQT EDDARTGEKV LTCYLLPQQP PPSLEDAGQQ GSLSETWSDA PPSRVSVIQF LEAPIGDEDA EEA-AAEKRGL QRRATPHPSE LKVMKRSIEG RRSEACPCQP DSGSPLPAEE EKRLSAESGL SEDSRPSAST VSEAEPEGPS AEAQGGSQQE ATTAGGEEDA EEDYQEPTVH FAEDALLPGD DREIEEGQPE APWTLPGGRQ RLIRKDTPHY KKHFKISKLP QPEAVVALLQ GMQPDGEGPV APGGWHNGPH APWAPRAQKE EEEEEEGSPQ EEEEEEEEN RAEEEEAESTE EEDKEGAVVS APSVKGVSFD QANLLIEPA

RIEEEEELTLT ILRQTGGLGI SIAGGKGSTP YKGDDEGIFI SRVSEEGPAA RAGVRVGDKL  
LEVNGVALQG AEHHEAVEAL RGAGTAVQMR VWRERMVEPE NAVTITPLRP EDDYSPRERR  
GGGLRLPLLP PESPGPLRQR HVACLARSER GLGFSIAGGK GSTPYRAGDA GIFVSRIAEG  
GAAHRAGTLQ VGDRVLSING VDVTEARHDH AVSLLTAASP TIALLLEREA GGPLPPSPLP  
HSSPPTAAVA TTSITTATPG VPGLPSLAPS LLAALLEGPY PVEEIRLPRA GGPLGLSIVG  
GSDHSSHPFG VQEPGVFISK VLPRGLAARS GLRVGDRILA VNGQDVRDAT HQEAVSALLR  
PCLELSLLVR RDPAPPGLRE LCIQKAPGER LGISIRGGAR GHAGNPRDPT DEGIFISKVS  
PTGAAGRDGR LRVGLRLEEV NQQSLLGLTH GEAVQLLSV GDTLTVLVCD GFEASTDAAL  
EVSPGVIANP FAAGIGHRNS LESISSIDRE LSPEGPGKEK ELPGQTLHWG PEATEAAGRG  
LQPLKLDYRA LAAVPSAGSV QRVPSGAAGG KMAESPCSPS GQPPSPSP DELPANVKQA  
YRAFAAVPTS HPPEDAPAQP PTPGPAASPE QLSFRERQKY FELEVRVPA EGPPKRVSLV  
GADDLRKMQE EEARKLQQR AQMLREAAEA GAEARLALDG ETLGEEEQED EQPPWASPPS  
TSRQSPASPP PLGGGAPVRT AKAERRHQR LRVQSPEPPA PERALSPAEL RALEAEKRAL  
WRAARMKSLE QDALRAQMV L SRSQEGRGTR GPLERLAEAP SPAPTPSPTP VEDLGPQTST  
SPGRLSPDFA EELRSLEPSP SPGPQEEDGE VALVLLGRPS PGAVGPEDVA LCSSRRPVRP  
GRRGLGPVPS **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: 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.

## Product Details

---

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

## Target Details

---

Target:	SCRIB
Alternative Name:	SCRIB ( <a href="#">SCRIB Products</a> )
Background:	<p>Protein scribble homolog (Scribble) (hScrib) (Protein LAP4),FUNCTION: Scaffold protein involved in different aspects of polarized cell differentiation regulating epithelial and neuronal morphogenesis and T-cell polarization (PubMed:15182672, PubMed:16344308, PubMed:19041750, PubMed:18716323, PubMed:18641685, PubMed:16965391, PubMed:27380321). Via its interaction with CRTAM, required for the late phase polarization of a subset of CD4+ T-cells, which in turn regulates TCR-mediated proliferation and IFNG and IL22 production (By similarity). Most probably functions in the establishment of apico-basal cell polarity (PubMed:16344308, PubMed:19041750). May function in cell proliferation regulating progression from G1 to S phase and as a positive regulator of apoptosis for instance during acinar morphogenesis of the mammary epithelium (PubMed:16965391, PubMed:19041750). May also function in cell migration and adhesion and hence regulate cell invasion through MAPK signaling (PubMed:18716323, PubMed:18641685). May play a role in exocytosis and in the targeting of synaptic vesicles to synapses (PubMed:15182672). Functions as an activator of Rac GTPase activity. {ECO:0000250 UniProtKB:Q80U72, ECO:0000269 PubMed:15182672, ECO:0000269 PubMed:16344308, ECO:0000269 PubMed:16965391, ECO:0000269 PubMed:18641685, ECO:0000269 PubMed:18716323, ECO:0000269 PubMed:19041750, ECO:0000269 PubMed:27380321}.</p>

Molecular Weight:	174.9 kDa
UniProt:	<a href="#">Q14160</a>
Pathways:	<a href="#">Cell-Cell Junction Organization</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Tube Formation</a> , <a href="#">Synaptic Vesicle Exocytosis</a> , <a href="#">Asymmetric Protein Localization</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