

Datasheet for ABIN7555664

Stonin 2 (STON2) (AA 1-905) protein (His tag)[Go to Product page](#)

Overview

Quantity: 1 mg

Target: Stonin 2 (STON2)

Protein Characteristics: AA 1-905

Origin: Human

Source: HEK-293 Cells

Protein Type: Recombinant

Purification tag / Conjugate: His tag

Product Details

Purpose: Custom-made recombinant STON2 Protein expressed in mammalian cells.

Sequence: MTTLDHVIAT HQSEWVSFNE EPPFPAHSQG GTEEHLPLGLS SSPDQSESSS GENHVVDGGS
QDHSSEQDD SSEKMGLISE AASPPGSPEQ PPPDLASAIIS NWWQFEDDTP WASTSPPHQE
TAETALPLTM PCWTCPSFDS LGRCPLTSES SWTTHSEDTS SPSFGCSYTD LQLINAEEQT
SGQASGADST DNSSLQEDE EVEMEAISWQ ASSPAMNGHP APPVTSARFP SWVTFDDNEV
SCPLPPVTSP LKPNTPPSAS VIPDVPYNSM GSFKKRDRPK STLMNFSKVQ KLDISSLNRT
PSVTEASPWR ATNPFLNETL QDVQPSPINP FSAFFEEQER RSQNSSISST TGKSQRDSL
VIYQDAISFD DSSKTQSHSD AVEKLNKQLQI DDPDHFGSAT LPDDDPVAWI ELDAHPPGSA
RSQPRDGWPM MLRIPEKKNM MSSRHWGPIF VKLTDGTGLYQ LYYEQGLEKP FREFKLEICH
EISEPRLQNY DENGRIHSLR IDRVTYKEKK KYQPKPAVAH TAEREQVIKL GTTNYDDFLS
FIHAVQDRML DLPVLSMDLS TVGLNYLEEE ITVDVRDEFS GIVSKGDNQI LQHHVLTRIH
ILSFLSGLAE CRLGLNDILV KGNEIVLRQD IMPTTTTTKWI KLHECRFHGC VDEDVFHNSR
VILFNPLDAC RFELMRFRV FAEKTLPFTL RTATSVNGAE VEVQSWLRMS TGFSANRDPL

Product Details

TQVPCENVMI RYPVPSEWVK NFRRESVLGE KSLKAKVNRG ASFGSTSVSG SEPVMRVTLG
TAKYEHAFFNS IVWRINRLPD KNSASGHPHC FFCHLELGSD REVPSRFANH VNVEFSMPTT
SASKASVRSI SVEDKTDVRK WVNYSAHYSY QVALGSIWLM LPTPFVHPTT LPLLFLML
TMFAW **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.

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

Grade: custom-made

Target Details

Target: Stonin 2 (STON2)

Alternative Name: STON2 ([STON2 Products](#))

Background: Stonin-2 (Stoned B),FUNCTION: Adapter protein involved in endocytic machinery. Involved in the synaptic vesicle recycling. May facilitate clathrin-coated vesicle uncoating.
{ECO:0000269|PubMed:11381094, ECO:0000269|PubMed:11454741, ECO:0000269|PubMed:21102408}.

Target Details

Molecular Weight: 101.2 kDa

UniProt: [Q8WXE9](#)

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