

[Go to Product page](#)

Datasheet for ABIN7562575

STAG3 Protein (AA 1-1240) (His tag)

Overview

Quantity:	1 mg
Target:	STAG3
Protein Characteristics:	AA 1-1240
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This STAG3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Stag3 Protein expressed in mammalian cells.
Sequence:	MPTLWSPSTQ HHGSSSGSES SPLQKSVRRA QMALSPCSSS ILPCDDRDSQ GTAEWDPST NEDSDFEDSL RRNVKKRAAK QPPKAVPAAK HRKKQSRIVS SGNGKNESVP STNYLFDPAVK AARSCMQSLV DEWLDNYKQD ENAGFLELIN FFIRACGCKS TVTPEMFKTM SNSEIIQHLLT EEFNEDSGDY PLTAPGPSWK KFQGSFCEFV KTLVYQCQYS LLYDGFPMDD LISLLIGLSD SQVRAFRHTS TLAAMKLMTS LVKVALQLSL HKDNNQRQYE AERNKGPEQR APERLESLL KRKEFQENQE DIEGMMNAIF RGVFVHRYRD ILPEIRAICI EEIGYWMQSY STSFLNDSYL KYIGWTLHDK HKEVRLKCVK ALAGLYSNQE LSLRMELFTN RFKDRMVSMV MDRECEVAVE AIRLLTLILK NMEGVLTSD CEKIYSIVYI SNRAMASSAG EFVYWKIFHP ECGAKAVSDR ERRRSPQAQK TFIYLLLAFF MESEHHNHAA YLVDSLWDCA GSYLKDWESL TNLLLQKDQN LGDMQERMLI EILVSSARQA AEGHPPVGRI TGKKSLTAKE RKLQAYDKMK LAEHLIPLLP QLLAKFSADA ENVAPLLQLL SYFDLSIYCT QRLEKHLELL LQQLQEVVVK HVEPEVLEAA AHALYLLCKP EFTFFSRVDF ARSQLVDFLT DRFQQELDDL MQSSFLDEDE VYSLTATLKR

Product Details

LSAFYNAHDL TRWEISEPCS RLLRKAVDTG EVPHQVILPA LTLVYFSILW TVTHISESTS
HKQLMSLKKR MVAFCCLCQS CLSDVDPEIQ EQAFVLLSDL LLIFSPQMIV GGRDFLRPLV
FFPEATLQSE LASFLMDHVF LQPGELGNGQ SQEDHVQIEL LHQRRRLLAG FCKLLLYGVL
ELDAASDVFK HYNKFYEDYG DIIKETLTRA RQIDRCQCSR ILLLSLKQLY TELIQEQGPQ
GLTELPAFIE MRDLARRFAL SFGPQQLHNR DLVVMLHKEG IKFSLSELPP AGSSHEPPNL
AFLELLSEFS PRLFHQDKRL LLSYLEKCLQ RVSKAPNHPW GPVTTYCHSL HPLEITAEAS
PRGPPHKKR CVEGPCRPQE EESSSQEESL QLNSGTTPT LTSTAVKRKQ SLRTVGKKQK
GRPGPGPGPG PELICSQQLL GTQRLKMSSA PCFQIRCDPS GSGLGKQLTR LSLMEEDEEE
ELRLLDEEWQ RGDKMLHSPS SPSEHGLDLL DTTELNMFDF **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: STAG3

Target Details

Alternative Name:	Stag3 (STAG3 Products)
Background:	Cohesin subunit SA-3 (SCC3 homolog 3) (Stromal antigen 3) (Stromalin-3),FUNCTION: Meiosis specific component of cohesin complex. The cohesin complex is required for the cohesion of sister chromatids after DNA replication. The cohesin complex apparently forms a large proteinaceous ring within which sister chromatids can be trapped. At anaphase, the complex is cleaved and dissociates from chromatin, allowing sister chromatids to segregate. The meiosis-specific cohesin complex probably replaces mitosis specific cohesin complex when it dissociates from chromatin during prophase I. {ECO:0000269 PubMed:11483963, ECO:0000269 PubMed:24597867}.
Molecular Weight:	141.2 kDa
UniProt:	O70576

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