

Recombinant Human STAG1, His-tagged

Cat. No. STAG1-29260TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 872-1258 of Human SA1 with N terminal His tag; Predicted MWt 46 kDa.
Species	Human
Source	E.coli
ProteinLength	872-1258 a.a.
Description	This gene is a member of the SCC3 family and is expressed in the nucleus. It encodes a component of cohesin, a multisubunit protein complex that provides sister chromatid cohesion along the length of a chromosome from DNA replication through prophase and prometaphase, after which it is dissociated in preparation for segregation during anaphase.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 162 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	FSKLIYDIVDMHAAADIFKHMYMKYYNDYGDIIKETLSKT RQIDKIQCAKTLILSLQQLFN

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acids

ELVQEQGPNLDRTSAHV SGIKELARRFALTFGLDQIKTREAVATLHKDGIEFAFK YQ
 NQKGQEYPPPNLAFLEVLSEFSSKLLRQDKKTVHSY LEKFLTEQMMERREDVWLPL
 ISYRNSLVTGGEDDRMSVNS GSSSSKTSSVRNKKGRPPLHKKRVEDES LDNTWLN
 RTD TMIQTPGPLPAPQLTSTVLRENSRPMGDQIQEPESEHG SEPDFLHNPQMQIS
 WLGQPKLEDLNRKDRTGMNYMKVR TGVRHAVRGLMEEDAEPFEDVMMSSRSQ L
 EDMNEEFE DTMVIDLPPSRNRRERAELRPDFFDSAAIIEDDSGFGMPM F

Sequence

Belongs to the SCC3 family.Contains 1 SCD (stromalin conservative) domain.

Similarities

GENE INFORMATION

Gene Name

STAG1 stromal antigen 1 [Homo sapiens]

Official Symbol

STAG1

Synonyms

STAG1; stromal antigen 1; cohesin subunit SA-1; SA 1; SCC3A;

Gene ID

10274

mRNA Refseq

NM_005862

Protein Refseq

NP_005853

MIM

604358

Uniprot ID

Q8WVM7

**Chromosome
Location**

3q22.2-q22.3

Pathway

Cell Cycle, Mitotic, organism-specific biosystem; Cell cycle, organism-specific

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biosystem; Cell cycle, conserved biosystem; DNA Replication, organism-specific biosystem; M Phase, organism-specific biosystem;

Function

binding; protein binding;

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