

Recombinant Human STAG3 Protein, His&GST-tagged

Cat. No. STAG3-2106H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STAG3 Protein (Met1-Pro149) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Pro149
Description	The protein encoded by this gene is expressed in the nucleus and is a subunit of the cohesin complex which regulates the cohesion of sister chromatids during cell division. A mutation in this gene is associated with premature ovarian failure. Alternate splicing results in multiple transcript variants encoding distinct isoforms. This gene has multiple pseudogenes.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 46.3 kDa Accurate Molecular Mass: 51 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

STAG3 stromal antigen 3 [Homo sapiens (human)]

Official Symbol

STAG3

Synonyms

STAG3; stromal antigen 3; cohesin subunit SA-3; stromalin 3; stromalin-3; SCC3 homolog 3;

Gene ID

10734

mRNA Refseq

NM_012447

Protein Refseq

NP_036579

MIM

608489

UniProt ID

Q9UJ98

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA