

Recombinant Human TSG101 Protein, His&sumo&Myc tagged

Cat. No. TSG101-3445H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSG101 Protein with His&sumo&Myc tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-390 aa
Description	The protein encoded by this gene belongs to a group of apparently inactive homologs of ubiquitin-conjugating enzymes. The gene product contains a coiled-coil domain that interacts with stathmin, a cytosolic phosphoprotein implicated in tumorigenesis. The protein may play a role in cell growth and differentiation and act as a negative growth regulator. In vitro steady-state expression of this tumor susceptibility gene appears to be important for maintenance of genomic stability and cell cycle regulation. Mutations and alternative splicing in this gene occur in high frequency in breast cancer and suggest that defects occur during breast cancer tumorigenesis and/or progression.
AASequence	MEQKLISEEDLAVSESQLKKMVSKYKYRDLTVRETVNVITLYKDLKPVLD SYVFNDG SSRELMNLTGTIPVYRGNTYNIPICLWLLDTYPYNPPICFVKPTSSMTIKTGKHVDAN GKIYLPYLHEWKHPQSDLLGLIQVMIVVFGDEPPVFSRPISASYPPYQATGPPNTSY MPGMPGGISPYPSGYPPNPSGYPGCPYPPGGPYATTSSQYPSQPPVTTVGPSRD GTISED TIRASLISAVSDKLRWRMKEEMDRAQAELNALKRTEEDLKKGHQKLEEMVT

 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

RLDQEVAEVDKNIELLKKKDEELSSALEKMENQSENNDIDEVVIPTAPLYKQILNLYAE
 ENAIEDTIFYLGEALRRGVIDLDVFLKHVRLLSRKQFQLRALMQKARKTAGLSLDLYMS
 DSEVNQEAKPEVKPEVKPETHINLKVSDGSSEIFFKIKKTTPLRRLMEAFKRQGKE
 MDLSRFLYDGIRIQADQTPEDLDMEDNDIIEAHREQIGGHHHHHHHH

Molecular Mass	57 kDa
Purity	> 85% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile 50mM Tris, 200mM NaCl, 20% Glycerol
Concentration	0.1 mg/mL by BCA

GENE INFORMATION

Gene Name	TSG101 tumor susceptibility gene 101 [Homo sapiens (human)]
Official Symbol	TSG101
Synonyms	TSG101; tumor susceptibility gene 101; TSG10, tumor susceptibility gene 10; tumor susceptibility gene 101 protein; VPS23; tumor susceptibility protein; ESCRT-I complex subunit TSG101; TSG10
Gene ID	7251
mRNA Refseq	NM_006292
Protein Refseq	NP_006283

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

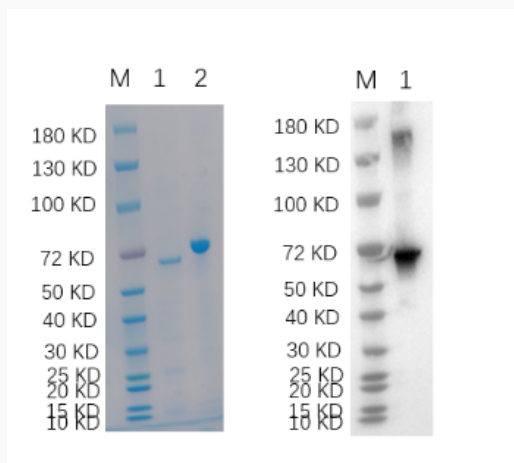
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

MIM 601387

UniProt ID Q99816

SDS-PAGE



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified TSG101. 1. TSG101: 1 µg 2. BSA: 1 µg

 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