

# Product information



## TSG101, 1-145 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0531

**Full Name:** Tumor susceptibility gene 101

**NCBI Accession No.:** NP\_006283

**Synonyms:** TSG10, VPS23

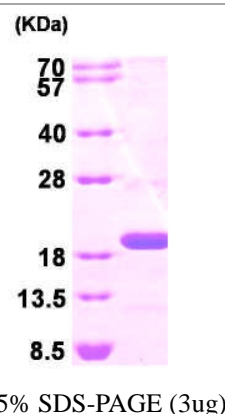
**Description:** TSG101(Tumor susceptibility gene 101) protein belongs to a group of apparently inactive homologs of ubiquitin-conjugating enzymes. This protein contains a coiled-coil domain that interacts with stathmin, a cytosolic phosphoprotein implicated in tumorigenesis. Mutations and alternative splicing in this protein occur in high frequency in breast cancer and suggest that defects occur during breast cancer tumorigenesis and/or progression. Recombinant human TSG101 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

**Form:** Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol

**Molecular Weight:** 20.7 kDa (181aa), confirmed by MALDI-TOF

**Purity:** > 90% by SDS - PAGE

**Concentration:** 0.5 mg/ml (determined by Bradford assay)



### Sequences of amino acids:

MRGSHHHHHH GMASMTGGGQ MGRDLYDDDD KDRWGSMAVS ESQKMKMVSQ YKYRDLTVRE TVNVITLYKD LKPVLDVSYV NDGSSREL MN  
LTGTIPVPYR GNTYNIPICL WLLDTYPYNP PICFVKPTSS MTIKTKGHVD ANGKIYLPYL HEWKHPQSDL LGLIQVMIVV FGDEPPVFSR  
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### General references:

Vardhana S., *et al.* (2010) *Immunity*. 32(4):531-40.

**WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.**

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Popov S., *et al.* (2009) *J Virol.* 83(14):7185-93.

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.  
Avoid repeated freezing and thawing cycles.

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