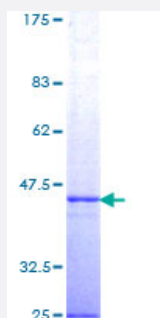


TSG101 (Human) Recombinant Protein (Q01)

Catalog # H00007251-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TSG101 partial ORF (NP_006283, 201 a.a. - 280 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SSQYPSQPVTTVGPSRDGTISED TIRASLISAVSDKLRWRMKEEMDRAQAELNALKRTEEDLKK GHQKLEEMVTRLDQE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.54
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TSG101

Entrez GeneID [7251](#)

GeneBank Accession# [NM_006292](#)

Protein Accession# [NP_006283](#)

Gene Name TSG101

Gene Alias TSG10, VPS23

Gene Description tumor susceptibility gene 101

Omim ID [601387](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations tumor susceptibility protein

Pathway

- [Endocytosis](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)