

Recombinant Human TSG101 Protein, DDK-tagged

Cat. No. TSG101-609H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human TSG101 fused with DDK tag at C-terminal was expressed in Sf9 cells.

Species Human

Source Sf9 Cells

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.

Form 50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol. Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.

Molecular Mass 43.8 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name TSG101 tumor susceptibility gene 101 [Homo sapiens]

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

MIM 601387

UniProt ID Q99816

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