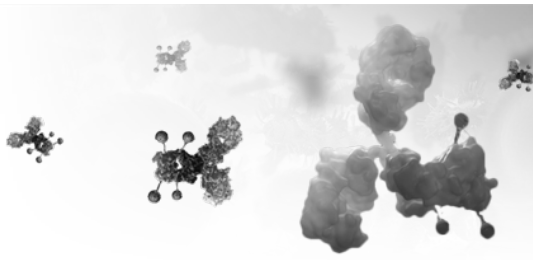

TSG101 peptide (DAG-P1979)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Jul 2008]
Specificity	Heart, brain, placenta, lung, liver, skeletal, kidney and pancreas.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the ubiquitin-conjugating enzyme family. UEV subfamily.Contains 1 SB (steadiness box) domain.Contains 1 UEV (ubiquitin E2 variant) domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	TSG101 tumor susceptibility 101 [Homo sapiens (human)]
Official Symbol	TSG101
Synonyms	TSG101; tumor susceptibility 101; TSG10; VPS23; tumor susceptibility gene 101 protein; tumor susceptibility gene 10; tumor susceptibility protein; tumor susceptibility gene 101; ESCRT-I

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	complex subunit TSG101;
Entrez Gene ID	7251
mRNA Refseq	NM_006292.3
Protein Refseq	NP_006283.1
UniProt ID	Q99816
Chromosome Location	11p15
Pathway	Assembly Of The HIV Virion, organism-specific biosystem; Budding and maturation of HIV virion, organism-specific biosystem; Disease, organism-specific biosystem; ESCRT-I complex, organism-specific biosystem; ESCRT-I complex, conserved biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Endosomal Sorting Complex Required For Transport (ESCRT), organism-specific biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem; HIV Infection, org
Function	DNA binding; calcium-dependent protein binding; protein binding; transcription corepressor activity; ubiquitin binding; ubiquitin binding; ubiquitin protein ligase binding;

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