Recombinant Human TSG101 293 Cell Lysate

Cat. No. TSG101-719HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for tumor susceptibility gene 101 (TSG101) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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
Chromosome Location	11p15
Pathway	Assembly of HIV virion, organism-specific biosystem; Disease, organism-specific biosystem; ESCRT-I complex, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Endosomal Sorting Complex Required For Transport (ESCRT), organism-specific biosystem; Glucocorticoid

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	receptor regulatory network, organism-specific biosystem;

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