

Recombinant Human TSG101 Protein (Pro144-Leu373), His tagged

Cat. No. TSG101-3422H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TSG101 (Pro144-Leu373) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro144-Leu373
Description	Tumor susceptibility gene 11 (TSG11) is a multi-functional gene involved in cell growth and proliferation in vertebrates. The tumor susceptibility gene 11 (TSG11) regulates AR expression level via the endosome/lysosome degradation pathway, that the interaction of the AR and TSG11 leads to androgen receptor (AR) recruitment to TSG11-containing cytoplasmic vesicles and induces AR-attenuated expression through the late endosome/lysosome degradation pathway. TSG11 elicits an array of cellular functions, including promoting cytokinesis, cell cycle progression and proliferation, as well as facilitating endosomal trafficking and viral budding.
Molecular Mass	26.12 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	TSG101 tumor susceptibility gene 101 [Homo sapiens (human)]
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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