

Recombinant Human TPSG1 293 Cell Lysate

Cat. No. TPSG1-834HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for tryptase gamma 1 (TPSG1) 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.
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.

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GENE INFORMATION

Gene Name	TPSG1 tryptase gamma 1 [Homo sapiens]
Official Symbol	TPSG1
Synonyms	TPSG1; tryptase gamma 1; tryptase gamma; PRSS31; TMT; tryptase gamma I; tryptase gamma II; gamma I; gamma II; lung tryptase; skin tryptase; mast cell tryptase; pituitary tryptase; serine protease 31; mast cell protease II; transmembrane tryptase; trpA;
Gene ID	25823
mRNA Refseq	NM_012467
Protein Refseq	NP_036599
MIM	609341
UniProt ID	Q9NRR2
Chromosome Location	16p13.3

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