

Recombinant Human PSMG2 293 Cell Lysate

Cat. No. PSMG2-2735HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for proteasome (prosome, macropain) assembly chaperone 2 (PSMG2) 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

PSMG2 proteasome (prosome, macropain) assembly chaperone 2 [Homo sapiens]

Official Symbol

PSMG2

Synonyms

PSMG2; proteasome (prosome, macropain) assembly chaperone 2; PAC2; HCCA3; CLAST3; MDS003; HsT1707; TNFSF5IP1; proteasome assembly chaperone 2; PAC-2; HSPC260; HDCMC29P; x 003 protein; proteasome assembling chaperone 2; CD40 ligand-activated specific transcript 3; hepatocellular carcinoma susceptibility protein; hepatocellular carcinoma-susceptibility protein 3; tumor necrosis factor superfamily member 5-induced protein 1; tumor necrosis factor superfamily, member 5-induced protein 1; likely ortholog of mouse CD40 ligand-activated specific transcript 3 (Clast3); MGC15092; proteasome assembly chaperone 2

Gene ID

56984

mRNA Refseq

NM_020232

Protein Refseq

NP_064617

MIM

609702

UniProt ID

Q969U7

**Chromosome
Location**

18p11.21

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Function

protein binding

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