

Recombinant Human MALT1 293 Cell Lysate

Cat. No. MALT1-4527HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for mucosa associated lymphoid tissue lymphoma translocation gene 1 (MALT1), transcript variant 1 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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	MALT1 mucosa associated lymphoid tissue lymphoma translocation gene 1 [Homo sapiens]
Official Symbol	MALT1
Synonyms	MALT1; mucosa associated lymphoid tissue lymphoma translocation gene 1; MLT; mucosa-associated lymphoid tissue lymphoma translocation protein 1; paracaspase; caspase-like protein; MALT associated translocation; MALT lymphoma-associated translocation; MALT-lymphoma associated translocation; MLT1; DKFZp434L132;
Gene ID	10892
mRNA Refseq	NM_006785
Protein Refseq	NP_006776
MIM	604860
UniProt ID	Q9UDY8
Chromosome Location	18q21
Pathway	Activation of NF-kappaB in B Cells, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor signaling pathway, conserved biosystem; BCR signaling pathway, organism-specific biosystem; Canonical NF-kappaB pathway,

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organism-specific biosystem; Downstream Signaling Events Of B Cell Receptor (BCR), organism-specific biosystem;

Function

cysteine-type endopeptidase activity; contributes_to kinase activator activity; peptidase activity; protein binding; protein self-association; signal transducer activity; ubiquitin-protein ligase activity;

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