

Recombinant Mouse Malt1 overexpression lysate

Cat. No. Malt1-14HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant mouse Malt1 HEK293T cell transient overexpression lysate (as WB positive control) with a C-Myc/DDK tag was expressed in HEK293T.

Preparation: HEK293T cells in 10-cm dishes were transiently transfected. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix, 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit. To facilitate transportation and protein, the products are supplied as lyophilized proteins.

Components: 1 vial of 20 µg lyophilized gene specific transient over-expression cell lysate

Species

Mouse

Source

HEK293

Description

Enhances BCL10-induced activation of NF-kappa-B. Involved in nuclear export of BCL10. Binds to TRAF6, inducing TRAF6 oligomerization and activation of its ligase activity. Has ubiquitin ligase activity. MALT1-dependent BCL10 cleavage plays an important role in T-cell antigen receptor-induced integrin adhesion. Involved in the induction of T helper 17 cells (Th17) differentiation. Cleaves RC3H1 and ZC3H12A in response to T-cell receptor (TCR) stimulation which releases their cooperatively repressed targets to promote Th17 cell differentiation.

Molecular Mass

92.5 kDa

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Stability	Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade. Avoid repeated freeze-thaw cycles after reconstitution.
Storage	Upon receiving, store the sample at -20 centigrade.
Reconstitution	Lysate samples can be reconstituted with SDS Sample Buffer. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.
Shipping	The lysate can be shipped at ambient temperature.

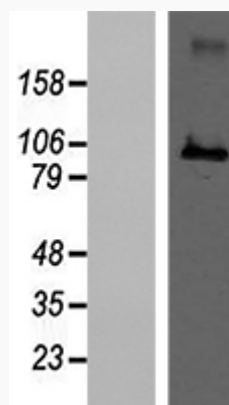
GENE INFORMATION

Gene Name	Malt1 MALT1 paracaspase [Mus musculus (house mouse)]
Official Symbol	Malt1
Synonyms	Malt1; MALT1 paracaspase; Pc; pa; Pcaspl; A630046N12; D430033E09Rik; mucosa-associated lymphoid tissue lymphoma translocation protein 1 homolog; Names; mucosa associated lymphoid tissue lymphoma translocation gene 1; paracaspase-1;
Gene ID	240354
mRNA Refseq	NM_172833
Protein Refseq	NP_766421
UniProt ID	Q2TBA3

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SDS-PAGE

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