

Recombinant Human MALT1 protein, His/Thioredoxin-tagged

Cat. No. MALT1-857H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MALT1((Gln 2-Ile57) fused with His/Thioredoxin tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-57 a.a.
Description	This gene has been found to be recurrently rearranged in chromosomal translocation with two other genes - baculoviral IAP repeat-containing protein 3 (also known as apoptosis inhibitor 2) and immunoglobulin heavy chain locus - in mucosa-associated lymphoid tissue lymphomas. The protein encoded by this gene may play a role in NF-kappaB activation. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Form	Supplied as a 0.45 µl filtered solution in 50 mM NaH ₂ PO ₄ (pH 7.4), 0.3 M NaCl, 80 mM imidazole, 6 M urea.
Molecular Mass	27 kDa (including N-terminal thioredoxin tag)
Purity	~0.9
Applications	ELISA, EIA, protein-protein interaction studies, Western Blotting, Dot Blotting, Immunoprecipitation, Protein Array

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Storage

Upon arrival, the protein may be stored for 2 weeks at 4 centigrade. For long term storage, it is recommended to store at -20 centigrade or -80 centigrade in appropriate aliquots. Avoid repeated freeze-thaw cycles.

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-

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specific biosystem; B cell receptor signaling pathway, conserved biosystem; BCR signaling pathway, organism-specific biosystem; Canonical NF-kappaB pathway, 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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