

Recombinant Human MALT1, GST-tagged

Cat. No. MALT1-27H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MALT1(1 a.a. - 813 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
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.
Molecular Mass	117.5 kDa
AA Sequence	MSLLGDPLQALPPSAAPTGPLLAPPAGATLNRLREPLLRLSELLDQAPEGRGWRR LAELAGSRGRLRLSCLDLE QCSLKVLEPEGSPSLCLLKLMGEKGCTVTELSDFLQA MEHTEVLQLLSPPGIKITVNPESKAVLAGQFVKLCCRA TGHPFVQYQWFKMNKEIP NGNTSELIFNAVHVKDAGFYVCRVNNNFTFEFSQWSQLDVCDIPESFQRSVDGVSE S KLQICVEPTSQKLMPGSTLVLQCVAVGSPIPHYQWFKNELPLTHETKKLYMVPYV DLEHQGTYWCHVYNDRDSQD SKKVEIIDEELNNLGHDPDNKEQTTDQPLAKDKVALLI GNMNYREHPKLKAPLVDVYELTNLLRQLDFKVVSLDL TEYEMRNAVDEFLLLLDKG VYGLLYYAGHGYENFGNSFMVPVDAPNPYRSENCLCVQNILKLMQEKETGLNVFLL

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DMCRKRNDYDDTIPILDALKVTANIVFGYATCQGAEAFEIQHSGLANGIFMKFLKDRL
LEDKKITVLLDEVAEDM GKCHLTGKGQALEIRSSLSEKRALTDPIQGTEYSAESLVRN
LQWAKAHELPESMCLKFDCGVQIQLGFAAEFSNV MIIYTSIVYKPPEIIMCDAYVTDF
PLDLIDPKDANKGTPEETGSYLVSKDLPHKCLYTRLSSLQKLKEHLVFTV CLSYQY
SGLEDTVEDKQEVNVGKPLIAKLDMHRGLGRKTCFQTCLMSNGPYQSSAATSGGA
GHYHSLQDPFHGVY HSHPGNPSNVTPADSCHCSRTPDAFISSFAHHASCHFSRSN
VPVETTDEIPFSFSDRLRISEK

Applications ELISA; WB-Re; AP; Array

Storage Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [MALT1](#) [MALT1 paracaspase \[Homo sapiens \(human\) \]](#)

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_173844](#)

Protein Refseq [NP_776216](#)

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MIM	604860
UniProt ID	Q9UDY8
Chromosome Location	18q21
Pathway	Activation of NF-kappaB in B cells; B cell receptor signaling pathway; BCR signaling pathway
Function	cysteine-type endopeptidase activity; peptidase activity; protein binding

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