Recombinant Human MALT1 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. MALT1-234H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MALT1 MS Standard C13 and N15-labeled recombinant protein (NP_006776) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a caspase-like protease that plays a role in BCL10-induced activation of NF-kappaB. The protein is a component of the CARMA1-BCL10-MALT1 (CBM) signalosome that triggers NF-kappaB signaling and lymphoctye activation following antigen-receptor stimulation. Mutations in this gene result in immunodeficiency 12 (IMD12). This gene has been found to be recurrently rearranged in chromosomal translocations with other genes in mucosa-associated lymphoid tissue lymphomas, including a t(11;18)(q21;q21) translocation with the baculoviral IAP repeat-containing protein 3 (also known as apoptosis inhibitor 2) locus [BIRC3(API2)-MALT1], and a t(14;18)(q32;q21) translocation with the immunoglobulin heavy chain locus (IGH-MALT1). Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, May 2018]
Molecular Mass	92.1 kDa
AA Sequence	MSLLGDPLQALPPSAAPTGPLLAPPAGATLNRLREPLLRRLSELLDQAPEGRGWRR LAELAGSRGRLRLSCLDLEQCSLKVLEPEGSPSLCLLKLMGEKGCTVTELSDFLQAM

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	EHTEVLQLLSPPGIKITVNPESKAVLAGQFVKLCCRATGHPFVQYQWFKMNKEIPNG NTSELIFNAVHVKDAGFYVCRVNNNFTFEFSQWSQLDVCDIPESFQRSVDGVSESK LQICVEPTSQKLMPGSTLVLQCVAVGSPIPHYQWFKNELPLTHETKKLYMVPYVDLE HQGTYWCHVYNDRDSQDSKKVEIIIGRTDEAVECTEDELNNLGHPDNKEQTTDQPL AKDKVALLIGNMNYREHPKLKAPLVDVYELTNLLRQLDFKVVSLLDLTEYEMRNAVD EFLLLLDKGVYGLLYYAGHGYENFGNSFMVPVDAPNPYRSENCLCVQNILKLMQEK ETGLNVFLLDMCRKRNDYDDTIPILDALKVTANIVFGYATCQGAEAFEIQHSGLANGIF MKFLKDRLLEDKKITVLLDEVAEDMGKCHLTKGKQALEIRSSLSEKRALTDPIQGTEY SAESLVRNLQWAKAHELPESMCLKFDCGVQIQLGFAAEFSNVMIIYTSIVYKPPEIIMC DAYVTDFPLDLDIDPKDANKGTPEETGSYLVSKDLPKHCLYTRLSSLQKLKEHLVFTV CLSYQYSGLEDTVEDKQEVNVGKPLIAKLDMHRGLGRKTCFQTCLMSNGPYQSSAA TSGGAGHYHSLQDPFHGVYHSHPGNPSNVTPADSCHCSRTPDAFISSFAHHASCH FSRSNVPVETTDEIPFSFSDRLRISEKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	MALT1 mucosa associated lymphoid tissue lymphoma translocation gene 1 [Homo sapiens (human)]
Official Symbol	MALT1

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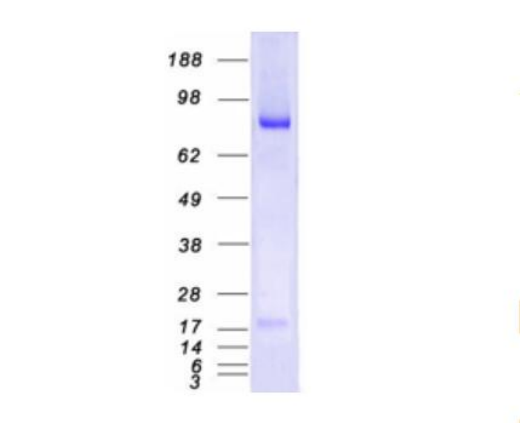
Synonyms	MALT1; mucosa associated lymphoid tissue lymphoma translocation gene 1; MLT; mucosa-associated lymphoid tissue lymphoma translocation protein 1; paracaspase; caspase-like protein; MALT associated translocation; MALT lymphoma-associated translocation; MALT-lymphoma associated translocation; MLT1; DKFZp434L132;
Gene ID	10892
mRNA Refseq	NM_006785
Protein Refseq	NP_006776
MIM	604860
UniProt ID	Q9UDY8
SDS-PAGE	

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