

Recombinant Human MARCH8

Cat. No. MARCH8-26832TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MARCH8 produced in <i>Saccharomyces cerevisiae</i> ; amino acids 1-291; 291 amino acids, MWt 32.9 kDa.
Species	Human
ProteinLength	1-291 a.a.
Description	MARCH8 is a member of the MARCH family of membrane-bound E3 ubiquitin ligases (EC 6.3.2.19). MARCH enzymes add ubiquitin (see MIM 191339) to target lysines in substrate proteins, thereby signaling their vesicular transport between membrane compartments. MARCH8 induces the internalization of several membrane glycoproteins (Goto et al.
Tissue specificity	Broadly expressed. Present in immature dendritic cells (at protein level).
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino	MSMPLHQISAIPSQDAISARVYRSKTKEKEREEQNEKTLG HFMSHSSNISKAGSPPS

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acids ASAPAPVSSFSRTSITPSSQD ICRICHCEGDDESPLITPCHCTGSLHFVHQACLQQW
 IKSSDTRCCELCKYEFIMETKLKPLRKWEKLMQMTSSERRKIM CSVTFHVIAITCVVWS
 LYVLIDRTAEEIKQGQATGILE WPFWTKLVVVAIGFTGGLLFMYVQCKVYVQLWKRL
 KAYNR VIYVQNCPETSCKKNIFEKSPLTEPNFENKHGYGICHSD TNSSCCTEPEDTG
 AEIIHV

Sequence Similarities Contains 1 RING-CH-type zinc finger.

Full Length Full L.

GENE INFORMATION

Gene Name [MARCH8 membrane-associated ring finger \(C3HC4\) 8 \[Homo sapiens \]](#)

Official Symbol MARCH8

Synonyms MARCH8; membrane-associated ring finger (C3HC4) 8; c mir, cellular modulator of immune recognition , MIR; E3 ubiquitin-protein ligase MARCH8; c MIR; MARCH VIII; RNF178;

Gene ID [220972](#)

mRNA Refseq [NM_001002265](#)

Protein Refseq [NP_001002265](#)

MIM [613335](#)

Uniprot ID [Q5T0T0](#)

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Chromosome Location	10q11.22
Function	MHC class II protein binding; ligase activity; metal ion binding; ubiquitin-protein ligase activity; zinc ion binding;

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