

Recombinant Human MLKL

Catalog No: #GP13304

Package Size: #GP13304-1 100ug

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Description

Product Name	Recombinant Human MLKL
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-263 amino acids of human MLKL
Target Name	mixed lineage kinase domain like pseudokinase
Other Names	hMLKL
Accession No.	Swissprot:Q8NB16Gene Accession:BC028141
Uniprot	Q8NB16
GeneID	197259;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene belongs to the protein kinase superfamily. The encoded protein contains a protein kinase-like domain; however, is thought to be inactive because it lacks several residues required for activity. This protein plays a critical role in tumor necrosis factor (TNF)-induced necroptosis, a programmed cell death process, via interaction with receptor-interacting protein 3 (RIP3), which is a key signaling molecule in necroptosis pathway. Inhibitor studies and knockdown of this gene inhibited TNF-induced necrosis. High levels of this protein and RIP3 are associated with inflammatory bowel disease in children. Alternatively spliced transcript variants have been described for this gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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