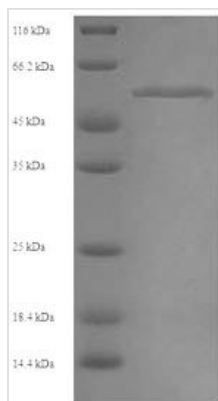




Recombinant Human Mixed lineage kinase domain-like protein (MLKL)

Product Code	CSB-YP850851HU
Relevance	Pseudokinase that plays a key role in TNF-induced necroptosis, a programmed cell death process. Activated following phosphorylation by RIPK3, leading to homotrimerization, localization to the plasma mbrane and execution of programmed necrosis characterized by calcium influx and plasma mbrane damage. Does not have protein kinase activity.
Abbreviation	MLKL
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8NB16
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MENLKHIIITLGQVIHKRCEEMKYCKKQCRRRLGHRVLGLIKPLEMLQDQGKRSV PSEKLTAMNRFKAAL EEANGEIEKFSNRSNICRFLTASQDKILFKDVNRKLS VWKELSLLLQVEQRMPVSPISQGGASWAQEDQQDAEDRRAFQMLRRDNEKI EASLRRLEINMKEIKETLRQYLPPKCMQEIPQEIQEIKKEQLSGSPWILLRENE VSTLYKGEYHRAPVAIKVFKKLQAGSIAIVRQTFNKEIKTMKKFESPNILRIFGICI DETVTPPQFSIVMEYCELGTLRELLDREKDLTLGKRMVLVLGAARGLYRLHHS EAPELHGKIRSSNFLVTQGYQVKLAGFELRKTQTSMSLGGTTREKTDRVKSTAY LSPQELEDVFYQYDVKSEIYSFGIVLWEIATGDIPFQGCNSEKIRKLVAVKRQQ EPLGEDCPSELREIIDE CRAHDPSVRPSVDEILKKLSTFSK
Research Area	Signal Transduction
Source	Yeast
Target Names	MLKL
Protein Names	Recommended name: Mixed lineage kinase domain-like protein
Expression Region	1-471aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	56.5kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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