

C-type lectin domain family 4 member E (Clec4e) Recombinant Protein | Clec4e recombinant protein

Recombinant Mouse C-type lectin domain family 4 member E (Clec4e)

CATALOG # AAA117284	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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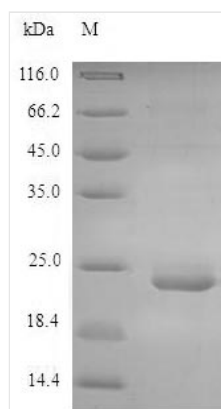
PRODUCT SYNONYMS

C-type lectin domain family 4 member E (Clec4e); Recombinant Mouse C-type lectin domain family 4 member E (Clec4e); C-type lectin domain family 4 member E; C-type lectin superfamily member 9; Macrophage-inducible C-type lectin; Clec4e recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	46-214aa; Extracellular Domain
Sequence	TYRSSQISGQ NLQPHRNIKE LSCYSEASGS VKNCCPLNWK HYQSSCYFFS TTTLTWSSSL KNCSDMGAHL VVIDTQEEQE FLFRTKPKRK EFYIGLTDQV VEGQWQWVDD TPFTELSFW DAGEPNNIVL VEDCATIRDS SNSRKNWNDI PCFYSPWIC EMPEISPLD
Species	Mus musculus (Mouse)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Clec4e recombinant protein	C-type lectin that functions as cell-surface receptor for a wide variety of ligands such as damaged cells, fungi and mycobacteria. Plays a role in the recognition of pathogenic fungi, such as Candida albicans. The detection of mycobacteria is via trehalose 6,6'-dimycolate (TDM), a cell wall glycolipid. Specifically recognizes alpha-mannose residues on pathogenic fungi of the genus Malassezia. Recognizes also SAP130, a nuclear protein, that is released by dead or dying cells. Transduces signals through an ITAM-containing adapter protein, Fc receptor gamma chain /FCER1G. Induces secretion of inflammatory cytokines through a pathway that depends on SYK, CARD9 and NF-kappa-B.
Product Categories/Family for Clec4e recombinant protein	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910162
NCBI GeneID	56619
NCBI Accession #	NP_064332.1
NCBI GenBank Nucleotide #	NM_019948.2
UniProt Accession #	Q9R0Q8
Molecular Weight	23.6 kDa
NCBI Official Full Name	C-type lectin domain family 4 member E
NCBI Official Synonym Full Names	C-type lectin domain family 4, member e
NCBI Official Symbol	Clec4e
NCBI Official Synonym Symbols	C86253; Mincle; Clecsf9
NCBI Protein Information	C-type lectin domain family 4 member E; C-type lectin superfamily member 9; macrophage-inducible C-type lectin; C-type lectin, superfamily member 9; C-type (calcium dependent, carbohydrate recognition domain) lectin, superfamily member 9
UniProt Protein Name	C-type lectin domain family 4 member E
UniProt Gene Name	Clec4e
UniProt Synonym Gene Names	Clecsf9; Mincle
UniProt Entry Name	CLC4E_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.