

Recombinant Mycobacterium bovis cysK protein, His&Myc-tagged

Cat. No. cysK-5363M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mycobacterium bovis (strain ATCC BAA-935 / AF2122/97) cysK protein(P0A535)(1-310aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Mycobacterium Bovis
Source	E.coli
ProteinLength	1-310aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	40.2 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MSIAEDITQLIGRTPLVRLRRVTDGAVADIVAKLEFFNPANSVKDRIGVAMLQAAEQA
GLIKPDTIILEPTSGNTGIALAMVCAARGYRCVLTMPETMSLERRMLLRAYGAELILTP
GADGMSGAIKAEELAKTDQRYFVPQQFENPANPAIHRVTTAEEVWRDTDGKVDIV
VAGVGTGGTITGVAQVIKERKPSARFVAVEPAASPVLSGGQKGPHPHQGIGAGFVPP
VLDQDLVDEIITVGNEDALNVARRLAREEGLLVGISSGAATVAALQVARRPENAGKLI
VVVLPDFGERYLSTPLFADVAD

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