

Recombinant Full Length Microcin-J25 Export Atp-Binding/Permease Protein Mcjd(Mcjd) Protein, His-Tagged

Cat. No. RFL25786EF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Microcin-J25 export ATP-binding/permease protein McjD(mcjD) Protein (Q9X2W0) (1-580aa), fused to N-terminal His tag, was expressed in E. coli.
Species	E.coli
Source	E.coli
ProteinLength	Full Length (1-580)
Form	Lyophilized powder
AA Sequence	MERKQKNSLFNYIYSLMDVRGKFLFFSMLFITSLSIIISISPLILAKITDLLSGSLSNF S YEYLVLLACLYMFCVISNKASVFLFMILQSSLRINMQKKMSLKYLRELYNENITNLSKN NAGYTTQSLNQASNDIYILVRNVSQNILSPVIQLISTIVVVLSTKDWFSAGVFFLYILVF VIFNTRLTGLASLRKHSM DITLNSYSLLSDTVDNMIAAKKNNALRLISERYEDALTQE N NAQKKYWLLSSKVLNLSLLAVILFGSVFIYNILGVLNGVVSIGHFIMITSYIILLSTPV ENIGALLSEIRQSMSSLAGFIQRHAENKATSPSIPFLNMERKLNLSIRELSFSYSDDKK I LNSVSLDLFTGKMYSLTGPSSGSGKSTLVKIIISGYYKNYFGDIYLN DISLRNISDEDLN DA IYYLTQDDYIFMDTLRFNRLRLANYDASENEIFKVLKLANLSVNNNEPVSLDTHLINR GNN YSGGQKQRISLARLFLRKPAIIIDEATSALDYINESEILSSIRTHFPDALIINISHRI N LLECSDCVYVLNEGNIVASGHFRDLMVSNEYISGLASVTE
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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 concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	mcjD
Synonyms	mcjD; Microcin-J25 export ATP-binding/permease protein McjD; Microcin-J25 immunity protein; Microcin-J25 secretion ATP-binding protein McjD
UniProt ID	Q9X2W0

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