

Recombinant Full Length Macrolide Export Atp-Binding/Permease Protein Macb 2(Macb2) Protein, His-Tagged

Cat. No. RFL9774YF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Macrolide export ATP-binding/permease protein MacB 2(macB2) Protein (Q7CJG3) (1-678aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Yersinia pestis
Source	E.coli
ProteinLength	Full Length (1-678)
Form	Lyophilized powder
AA Sequence	MTGPQQGKILLRLENVSREFITGEQTVRVLNNINLTLHSGEMVAIVGTSGSGKSTLM NIL GCLDKPSAGEYWVAGRIPQYLGS DALAELRREHFGFIFQRYHLLNDLSARENVE IPAIYA GIDREERRKRAVNLLSRIGLAERLDYRPSQLSGGQQQRVSIARALMNGGDVI LADEPTGA LDTHSGNEVLNLIKDLHQGGHTVVIVTHDMSIAEHAQRRIELKDGEIADR PRDHAQEKPMVDIPSVIDIPSMDEKISTGAQQETEIARKPLLTRWKVQYDRLHEAF KMAILAMAAQRL RTALTMLGIIIGIASVVSVALGKGSQQQVLANINAMGTSTLEIFPG KDFGDMRSAAIHT LRDTDADVLAQQGYIHSVTPVSTSVTLRYGNKSVSGTVNGVG EQYFLVRGYTIAQGMAF TRTSVNDLMQDAVIDENTRDKLFPNGETPLGKVILLGSLP CRVIGVAAKKQSGFGSDENL NVWIPYTTAMKRMLGQSYLKSITVRVNDIDLANAE QGVIKLLSQRHGTQDFFVMNTDSI RQTIQATTSTMTLLVSMIAVISLIVGGIGVMNIML VSVTERTKEIGVRMAVGARASDIMQ QFLIEAVLVCLLGGSLGVALSLGIGLLFSLFSS

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	NFSMVYSAASIITAFVCSSLIGVIFGF FPAKRAAEMDPIRALERE
Purity	Greater than 90% as determined by SDS-PAGE.
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	macB2
Synonyms	macB2; YPO3000; y1480; YP_2625; Macrolide export ATP-binding/permease protein MacB 2
UniProt ID	Q7CJG3

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