

Recombinant Escherichia coli MCR1 Full Length Transmembrane protein (1-541 aa), His-SUMO-tagged

Cat. No. MCR1-2371E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli MCR1 Protein (1-541 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal.
Species	E.coli
Source	E.coli
ProteinLength	1-541aa
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	76.1kDa
AA Sequence	MMQHTSVWYRRSVSPFVLVASVAVFLTATANLTFFDKISQTYPIADNLGFVLTIAVVL FGAMLLITLLSSYRYVLKPVLILLIMGAVTSYFTDTYGTVDTTMLQNALQTDQAET KDLLNAAFIMRIIGLVLPSELLVAFVKVDYPTWGKGLMRRLGLIVASLALILLPVVAFSS HYASFFRVHKPLRSYVNPIMPIYSVGKLASIEYKKASAPKDTIYHAKDAVQATKPDMR KPRLVVFVVGETARADHVSFNGYERDTFPQLAKIDGVTNFSNVTSCGTSTAYSVPC MFSYLGADEYDVDTAKYQENVLDTLDRLGVSILWRDNNSDSKGVMDKLPKAQFADY KSATNNAICNTNPYNECRDVGMLVGLDDFVAANNGKDMLIMLHQMGNHGPAYFKR YDEKFAKFTPVCEGNELAKCEHQSLINAYDNALLATDDFIAQSIQWLQTHSNAYDVS

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MLYVSDHGESLGENG VYLHGMPNAFAPKEQRSVPAFFWTDKQTGITPMATDTVLT
HDAITPTLLKLFDVTADKVKDRTAFIR

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

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%.

SDS-PAGE
