Recombinant Yersinia pestis groL protein, His-SUMO-tagged

Cat. No. groL-4280Y **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Yersinia pestis groL protein(A4TRR0)(1-548aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Yersinia pestis
Source	E.coli
ProteinLength	1-548aa
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	73.4 kDa
AA Sequence	MAAKDVKFGNDARIKMLRGVNILADAVKVTLGPKGRNVVLDKSFGSPTITKDGVSVA REIELEDKFENMGAQMVKEVASKANDAAGDGTTTATVLAQSIITEGLKAVAAGMNPM DLKRGIDKAVIAAVEELKKLSVPCSDSKAIAQVGTISANSDSTVGELIAQAMEKVGKE GVITVEEGSGLQDELDVVEGMQFDRGYLSPYFINKPETGSIELESPFILLADKKISNIR EMLPVLEAVAKAGKPLLIIAEDVEGEALATLVVNTMRGIVKVAAVKAPGFGDRRKAML QDIATLTAGTVISEEIGLELEKTTLEDLGQAKRVVINKDTTIIIDGVGDEAAIQGRVAQIR QQIEDATSDYDKEKLQERVAKLAGGVAVIKVGAATEVEMKEKKARVEDALHATRAAV EEGVVAGGGVALIRAAHAIAGLKGDNEDQNVGIKVALRAMESPLRQIVVNAGEEASV IANKVKAGEGSFGYNAYTEEYGDMIAMGILDPTKVTRSALQYAASIAGLMITTECMVT

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	DLPRDDKGADMGAGGMGGMGGMGGMM
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%.

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