Recombinant Yersinia Pestis GROL Protein (1-548 aa), His-tagged

Cat. No. GROL-1631Y **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Yersinia Pestis (strain Pestoides F) GROL Protein (1-548 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Yersinia Pestis
Source	Yeast
ProteinLength	1-548 aa
Description	Prevents misfolding and promotes the refolding and proper assembly of unfolded polypeptides generated under stress conditions.
Form	Tris-based buffer,50% glycerol
Molecular Mass	59.4 kDa
AA Sequence	MAAKDVKFGNDARIKMLRGVNILADAVKVTLGPKGRNVVLDKSFGSPTITKDGVSVA REIELEDKFENMGAQMVKEVASKANDAAGDGTTTATVLAQSIITEGLKAVAAGMNPM DLKRGIDKAVIAAVEELKKLSVPCSDSKAIAQVGTISANSDSTVGELIAQAMEKVGKE GVITVEEGSGLQDELDVVEGMQFDRGYLSPYFINKPETGSIELESPFILLADKKISNIR EMLPVLEAVAKAGKPLLIIAEDVEGEALATLVVNTMRGIVKVAAVKAPGFGDRRKAML QDIATLTAGTVISEEIGLELEKTTLEDLGQAKRVVINKDTTIIIDGVGDEAAIQGRVAQIR QQIEDATSDYDKEKLQERVAKLAGGVAVIKVGAATEVEMKEKKARVEDALHATRAAV

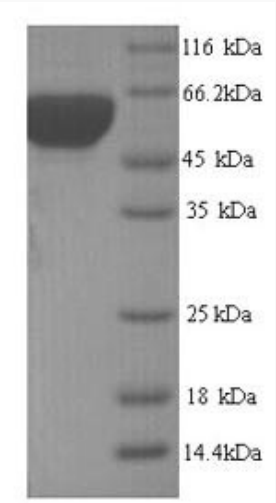
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	EEGVVAGGGVALIRAAHAIAGLKGDNEDQNVGIKVALRAMESPLRQIVVNAGEEASV IANKVKAGEGSFGYNAYTEEYGDMIAMGILDPTKVTRSALQYAASIAGLMITTECMVT DLPRDDKGADMGAGGMGGMGGMGGMM
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Synonyms	groL; GroEL protein; UniRule annotation Protein Cpn60;
UniProt ID	A4TRR0

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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