Recombinant Anaplasma Phagocytophilum RPLV Protein (1-112 aa), His-Myc-tagged

Cat. No. RPLV-2207A **Lot. No.** (See product label)

SPECIFICATION

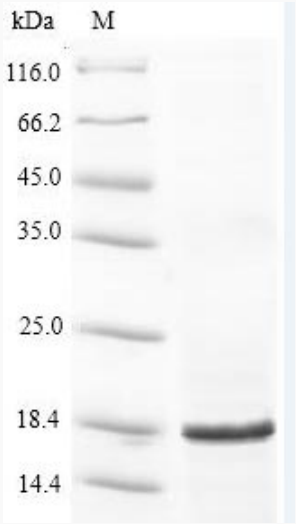
Product Overview	Recombinant Anaplasma Phagocytophilum (strain HZ) RPLV Protein (1-112 aa) is produced by E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length.
Species	Anaplasma Phagocytophilum
Source	E.coli
ProteinLength	1-112 aa
Description	This protein binds specifically to 23S rRNA; its binding is stimulated by other ribosomal proteins, e.g. L4, L17, and L20. It is important during the early stages of 50S assembly. It makes multiple contacts with different domains of the 23S rRNA in the assembled 50S subunit and ribosome.UniRule annotation The globular domain of the protein is located near the polypeptide exit tunnel on the outside of the subunit, while an extended beta-hairpin is found that lines the wall of the exit tunnel in the center of the 70S ribosome.
Form	Tris-based buffer,50% glycerol
Molecular Mass	17.2 kDa
AA Sequence	MSIVIAAKGLGLRSTPAKLNLVADLIRGKDVAVAAMYLKFCKKKAALLIDKVLKSAIAN ARANYGVDADNLYVKEVLVGKAFTLRRVQPRARGRACRISKRYGSVVVKLLER

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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 will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Synonyms	rplV;
UniProt ID	Q2GL54



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

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