

Recombinant *Borrelia Burgdorferi* CLPP2 Protein (1-198 aa), His-SUMO-Myc-tagged

Cat. No. CLPP2-2304B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Borrelia Burgdorferi</i> (strain ATCC 35210/B31/CIP 102532/DSM 4680) CLPP2 Protein (1-198 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length.
Species	<i>Borrelia Burgdorferi</i>
Source	E.coli
ProteinLength	1-198 aa
Description	Cleaves peptides in various proteins in a process that requires ATP hydrolysis. Has a chymotrypsin-like activity. Plays a major role in the degradation of misfolded proteins.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	42.2 kDa
AA Sequence	MTGKEDNDACVLHDKSLKLVLKSR SIVIAGEITKDVSRLFQEKILLLEALDFKKPIFVYI DSEGGDIDAGFAIFNMIRFVKPKVFTVGVLVASAAALIFLAAKLENRFSLPFARYLLH QPLSGFKGVATDIEIYTNELNKVKKELNNISKETGQKISKIEKDTDRDFWLDSSAAKK YGLVFEVVETKYQLEEFISA
Purity	> 85% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

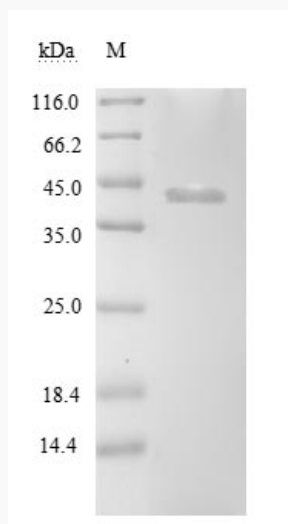
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	clpP2;
UniProt ID	O51698



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

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15% separation gel.

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