

KMP-11 recombinant protein

KMP-11 recombinant

CATALOG # AAA72843	HOST Escherichia coli.	APPLICATIONS Lateral Flow, Western Blot, ELISA
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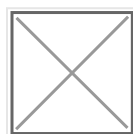
PRODUCT SYNONYMS

KMP-11; KMP-11 recombinant; RECOMBINANT ANTIGEN KMP11 from Leishmania donovani; kinetoplastid membrane protein-11; KMP-11 recombinant protein

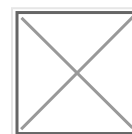
PRODUCT SPECIFICATIONS

Host	Escherichia coli.
Form/Format	Dry powder (lyophilized)
Concentration	1.59 mg/ml (varies by lot)
Sequence Length	92
Applicable Applications for KMP-11 recombinant protein	LF (Lateral Flow), WB (Western Blot), ELISA
Recombinant Antigen	Lesihmania donovani KMP11 (Passos et al., 2005).
Batch Composition	Components: his-KMP11 Composition: Recombinant antigen with a his-tag in its N-terminus.
Molecular Weight Information	Determined by SDS-PAGE, theprotein band is between molecular markers of 25,000 and18,400 Da, while relative molecular mass calculated fromamino acid sequence is 19,460.0 Da
Observation Notes	Proteins should be maintained frozenat high concentrations. The dilution to be performed for ELISA assays should be made with a small quantity of protein, the same day of the experiment. In order to defrostthe protein, maintain the aliquot at 25°C without shaking toavoid aggregation. Prior making test dilutions and afterdefrost the protein, is recommended to remove possibleprotein aggregates by centrifuging the stock solution,avoiding alterations in the immobilization of the biomoleculeto the solid surface.
Reconstitution	For lyophilized proteins: with 0.04 ml of sterile double-distilled water (lot specific) for a final concentration of 1.59 mg/ml (lot specific). The protein will be at pH 8.
Preparation and Storage	Lyophilized protein is shipped with on ice packs. Upon arrival, it should be stored at 20 degree C to -80 degree C. Aliquot after reconstitution in order to avoid repeated freezing and thawing cycles and store at 20 degree C to -80 degree C.

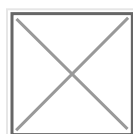
IMAGES



Application Data



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for KMP-11 recombinant protein	the Lesihmania donovani antigen KMP-11-biotinylated has been prepared as a recombinant antigenfused to a his-tag and biotinylated "in vivo". It is producedfrom the complete ORF of the KMP-11 gene which codifiesthe kinetoplast membrane protein 11.
Product Categories/Family for KMP-11 recombinant protein	PARASITES
References	Passos, S., L. P. Carvalho, G. Orge, S. M. Jeronimo, G.Bezerra, M. Soto, C. Alonso, and E. M. Carvalho.Recombinant Leishmania antigens for serodiagnosis ofvisceral leishmaniasis. 2005, Clinical and Diagnostic Lab.Immunology, 12:1164-1167. Bradford, MM. A rapid and sensitive method for thequantitation of microgram quantities of protein utilizing theprinciple of protein dye binding. Anal Biochem. 1976,131:499-503.

NCBI AND UNIPROT INFORMATION

NCBI GI #	146101124
NCBI GeneID	5073121
NCBI Accession #	XP_001469032.1
NCBI GenBank Nucleotide #	XM_001468995.1
NCBI Official Full Name	kinetoplastid membrane protein-11
NCBI Official Symbol	KMP11-1
NCBI Protein Information	kinetoplastid membrane protein-11

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/kmp-11-recombinant-protein-escherichia-coli-lf-lateral-flow-wb-western-blot-elisa/72843>