

# Recombinant Lophura Leucomelanos LYZ Protein (1-129 aa), His-SUMO-tagged

Cat. No. LYZ-1940L Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Lophura Leucomelanos (Kalij pheasant) LYZ Protein (1-129 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Immunology. Protein Description: Full Length.
<b>Species</b>	Lophura Leucomelanos
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-129 aa
<b>Description</b>	Lysozymes have primarily a bacteriolytic function; those in tissues and body fluids are associated with the monocyte-macrophage system and enhance the activity of immunoagents. Hydrolysis of (1->4)-beta-linkages between N-acetylmuramic acid and N-acetyl-D-glucosamine residues in a peptidoglycan and between N-acetyl-D-glucosamine residues in chitodextrins.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	30.3 kDa
<b>AA Sequence</b>	KVYGRCELAAMKRLGLDNYRGYSLGNWVCAAKYESNFNTHATNRNTDGSTDYGI LQINSRWWCNDGKTPGSRNLCHIPCSALLSSDITASVNCAKKIVSDGNGMNAWVAW RNRCKGTDVSVWTRGCRL

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<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	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.
<b>Concentration</b>	A hardcopy of COA with reconstitution instruction is sent along with the products.

## GENE INFORMATION

<b>Synonyms</b>	LYZ; 1,4-beta-N-acetylmuramidase;
<b>UniProt ID</b>	<a href="https://www.uniprot.org/entry/P24364">P24364</a>



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

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