

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

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

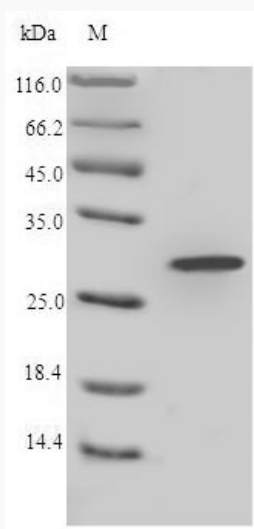
SPECIFICATION

Product Overview	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.
Species	Lophura Leucomelanos
Source	E.coli
ProteinLength	1-129 aa
Description	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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	30.3 kDa
AA Sequence	KVYGRCELAAMKRLGLDNYRGYSLGNWVCAAKYESNFNTHATNRNTDGSTDYGI LQINSRWWCNDGKTPGSRNLCHIPCSALLSSDITASVNC AKKIVSDGNGMNAWVAW RNRCKGTDVSVWTRGCRL

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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 with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Synonyms	LYZ; 1,4-beta-N-acetylmuramidase;
UniProt ID	P24364
	

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

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