Recombinant Human LYZL6, His-tagged

Cat. No. LYZL6-134H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Lysozyme-Like Protein 6/LYZL6 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Ser20-Arg148) of Human LYZL6 fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	20-148 a.a.
Description	Lysozyme-Like Protein 6 (LYZL6) is a member of the C-type lysozyme/α-lactalbumin family. Proteins of this family are bacteriolytic factors that play a role in host defense, whereas α-lactalbumins mediate lactose biosynthesis. LYZL6 is a secreted protein and expressed in the testis and epididymis. LYZL6 contains catalytic residues characteristic of C-type lysozymes and may play a role in male reproduction. Lysozyme-like protein 6 can hydrolyze the (1->4)-β-linkages between N-Acetylmuramic Acid and N-Acetyl-D-Glucosamine residues in a peptidoglycan and between N-Acetyl-D-Glucosamine residues in Chitodextrins.
AA Sequence	SLISRCDLAQVLQLEDLDGFEGYSLSDWLCLAFVESKFNIS KINENADGSFDYGLFQI NSHYWC NDYKSYSENLCHVDCQDLLNPNLLAGIHCAKRIVSGA RGMNNWVEWRL HCSGRPLFYWLTGCRL RVDHHHHHH
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).

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Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

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