

## LYG2 Protein, Human (HEK293, His)

Cat. No.:	HY-P70868
Synonyms:	Lysozyme G-Like Protein 2; LYG2; LYGH
Species:	Human
Source:	HEK293
Accession:	Q86SG7 (S20-F212)
Gene ID:	254773
Molecular Weight:	23-27 kDa

### PROPERTIES

AA Sequence	<p>           S Y P F S H S M K P    H L H P R L Y H G C    Y G D I M T M K T S    G A T C D A N S V M            N C G I R G S E M F    A E M D L R A I K P    Y Q T L I K E V G Q    R H C V D P A V I A            A I I S R E S H G G    S V L Q D G W D H R    G L K F G L M Q L D    K Q T Y H P V G A W            D S K E H L S Q A T    G I L T E R I K A I    Q K K F P T W S V A    Q H L K G G L S A F            K S G I E A I A T P    S D I D N D F V N D    I I A R A K F Y K R    Q S F         </p>
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 10% Glycerol, pH 7.2.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	<p>The LYG2 protein emerges as a potent antibacterial entity, suggesting a potential pivotal role in innate immunity. With its putative capacity as an antibacterial protein, LYG2 implies active participation in the host's defense mechanisms against bacterial threats. The protein's role in innate immunity underscores its significance as a key player in the early lines of defense, reflecting its potential contribution to the body's ability to counteract bacterial infections.</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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