

Lysozyme G-Like 2 Human Recombinant

Item Number	rAP-3850
Synonyms	Lysozyme G-Like 2, Lysozyme G-Like Protein 2, LYGH, EC 3.2.1.-.
Description	LYG2 Human Recombinant produced in E. coli is a single polypeptide chain containing 216 amino acids (20-212) and having a molecular mass of 23.9 kDa. LYG2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q86SG7
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSSYPFSHS MKPHLHPRLY HGCYGDIMTM KTSGATCDAN SVMNCGIRGS EMFAEMDLRA IKPYQTLIKE VGQRHCVDPA VIAAISRES HGGSVLQDGW DHR-GLKFGLM QLDKQTYHPV GAWDSKEHLS QATGILTERI KAIQKKFPTW SVAQHLKGGGL SAFKSGIEAI ATPSDIDNDF VNDIARAKF YKRQSF.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The LYG2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 1mM DTT and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**