

## 32-7740: Recombinant Human Lysozyme G-Like Protein 2/LYG2 (C-6His)

**Gene :** LYG2  
**Gene ID :** 254773  
**Uniprot ID :** Q86SG7

### Description

Source: Human Cells.  
MW :22.55kD.

Recombinant Human Lysozyme G-Like Protein 2 is produced by our Mammalian expression system and the target gene encoding Ser20-Phe212 is expressed with a 6His tag at the C-terminus. Lysozyme G-Like Protein 2 (LYG2) is a secreted protein that belongs to the glycosyl hydrolase 23 family. LYG2 contains one SLT domain, one protein domain present in bacterial lytic transglycosylase (SLT) and in eukaryotic lysozymes (GEWL). SLT domain catalyzes the cleavage of the beta-1,4-glycosidic bond between N-acetylmuramic acid (MurNAc) and N-acetylglucosamine (GlcNAc). LYG2 has hydrolase activity which acting on glycosyl bonds, and possess lysozyme activity.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,10%Glycerol,pH7.2.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** SYPFHSMSKPHLHPRLYHGCGDIMTKTSGATCDANSVMNCGIRGSEMFAEMDLRAIKPYQTLIKEVGRHC  
VDPAVIAAIIISRESHGGSVLQDGDHRGLKFGLMQLDKQTYHPVGAWSKEHLSQATGILTERIKAIQKKFPTW  
SVAQHLKGGLSAFKSGIEAIATPSDIDNDFVNDIIRAKFYKRQSFVDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.