

Product datasheet for **TP726966**

LYG2 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Lysozyme G-Like Protein 2/LYG2 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ser20-Phe212
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM PB, 150mM NaCl, 10% Glycerol, pH 7.2.
Note:	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.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	254773
UniProt ID:	Q86SG7
Summary:	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 β -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.



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