



Recombinant Protein Technical Manual

Recombinant Human LYG2 Protein (His Tag)

RPES3976

Product Data:

Product SKU: RPES3976

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q86SG7

Protein Information:

Molecular Mass: 22.6 kDa

AP Molecular Mass: 23 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 10% Glycerol, pH 7.2.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Lysozyme G-Like Protein 2; LYG2; LYGH

Immunogen Information:

Sequence: Ser20-Phe212

Background:

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 ,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.