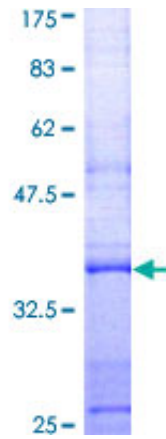


Recombinant Human LYZ Protein (19-118), N-GST-tagged

Product Information

Cat	IMP-8609
Official Symbol	LYZ
Product Overview	Human LYZ partial ORF (AAH04147, 19 a.a.-118 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ (in vitro).
Description	This gene encodes human lysozyme, whose natural substrate is the bacterial cell wall peptidoglycan (cleaving the beta[1-4]glycosidic linkages between N-acetylmuramic acid and N-acetylglucosamine). Lysozyme is one of the anti-microbial agents found in human milk, and is also present in spleen, lung, kidney, white blood cells, plasma, saliva, and tears. Missense mutations in LYZ have been identified in heritable renal amyloidosis.
Expression System	Wheat Germ (in vitro)
Species	Human
Tag	N-GST
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.63 kDa
Protein length	19-118
AA Sequence	KVFERCELARTLKRLGMDGYRGISLANWMCLAKWESGYNTRATNYNAG DRSTDYGIFQINSRYWCNDGKTPGAVNACHLSCSALLQDNIADAVACAKR VV
Applications	ELISA; WB (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
SDS-PAGE	



12.5% SDS-PAGE Stained with Coomassie Blue.