

Product datasheet for **AR50573PU-S**

LYG2 / LYGH (20-212, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	LYG2 / LYGH (20-212, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSSYPFSHS MKPHLHPRLY HGCYGDIMTM KTSGATCDAN SVMNCGIRGS EMFAEMDLRA IKPYQTLIKE VGQRHCVDPA VIAAISRES HGGSVLQDGW DHRGLKFGLM QLDKQTYHPV GAWDSKEHLS QATGILTERI KAIQKKFPTW SVAQHLKGGI SAFKSGIEAI ATPSDIDNDF VNDIARAKF YKRQSF
Tag:	His-tag
Predicted MW:	23.9 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human LYG2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_783862
Locus ID:	254773
UniProt ID:	Q86SG7
Cytogenetics:	2q11.2
Synonyms:	LYGA2; LYGH; LYSG2



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Summary:

The protein encoded by this gene contains a SLT domain, a 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). [provided by RefSeq, Jul 2008]

Protein Families:

Secreted Protein

Product images: