

Product datasheet for TP323549

LYG2 (NM_175735) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human lysozyme G-like 2 (LYG2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223549 protein sequence Red =Cloning site Green =Tags(s)
	 MLSSVFWGLIALIGTSRGSYPFSHSMKPHLHPRLYHGICYGDIMTMKTSGATCDANSVMNCGIRGSEMFA EMDLRAIKPYQTLIKEVGRHCVDPAVIAAIIRESHGGSVLQDGWDHRGLKFGLMQLDKQTYHPVGAWD SKEHLSQATGILTERIKAIQKKFPTWSVAQHLLKGGLSAFKSGIEAIATPSDIDNDFVNDIARAKFYKRQ SF TRTRPLEQLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	23.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_783862
Locus ID:	254773
UniProt ID:	Q86SG7



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RefSeq Size: 880

Cytogenetics: 2q11.2

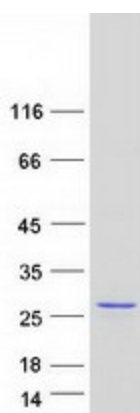
RefSeq ORF: 636

Synonyms: LYGA2; LYGH; LYSG2

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:



Coomassie blue staining of purified LYG2 protein (Cat# TP323549). The protein was produced from HEK293T cells transfected with LYG2 cDNA clone (Cat# [RC223549]) using MegaTran 2.0 (Cat# [TT210002]).