Product datasheet for PH323549

LYG2 (NM_175735) Human Mass Spec Standard

Product data:

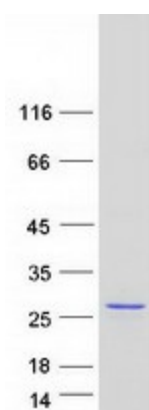|	
Product Type:	Mass Spec Standards
Description:	LYG2 MS Standard C13 and N15-labeled recombinant protein (NP_783862)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223549
Predicted MW:	23.5 kDa
Protein Sequence:	>RC223549 protein sequence Red=Cloning site Green=Tags(s) MLSSVVFWGLIALIGTSRGSYPFSHSMKPHLHPRLYHGCYGDIMTMKTSGATCDANSVMNCGIRGSEMFA EMDLRAIKPYQTLIKEVGQRHCVDPAVIAAIISRESHGGSVLQDGWDHRGLKFGLMQLDKQTYHPVGAWD SKEHLSQATGILTERIKAIQKKFPTWSVAQHLKGGLSAFKSGIEAIATPSDIDNDFVNDIIARAKFYKRQ SF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_783862
RefSeq Size:	880
RefSeq ORF:	636
Synonyms:	LYGA2; LYGH; LYSG2
Locus ID:	254773
UniProt ID:	Q86SG7

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Cytogenetics:	2q11.2
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-acetyglucosamine (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]).