

## Product datasheet for PH305478

### LYZL4 (NM\_144634) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	LYZL4 MS Standard C13 and N15-labeled recombinant protein (NP_653235)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205478
Predicted MW:	16.4 kDa
Protein Sequence:	<p>&gt;RC205478 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MKASVVLSELLGYLVVPSGAYILGRCTVAKKLHDGGLDYFEGYSLENWVCLAYFESKFNPMIYENTREGY            TGFGLFQMRGSDWCGDHGRNRCHMSCSALLNPNEKTIKCAKTIKVGKEGMGAWPTWSRYCQYSDTLARW            LDGCKL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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:	<a href="#">NP_653235</a>
RefSeq Size:	886
RefSeq ORF:	438
Synonyms:	LYC4; LYZA
Locus ID:	131375
UniProt ID:	<a href="#">Q96KX0</a> , <a href="#">A0A080YUZ5</a>

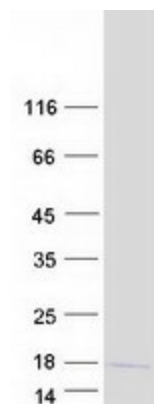

[View online »](#)

**Cytogenetics:** 3p22.1

**Summary:** Lysozymes (see LYZ; MIM 153450), especially C-type lysozymes, are well-recognized bacteriolytic factors widely distributed in the animal kingdom and play a mainly protective role in host defense. LYZL4 is a member of a family of lysozyme-like genes (Zhang et al., 2005 [PubMed 16014814]).[supplied by OMIM, Apr 2009]

**Protein Families:** Secreted Protein

### Product images:



Coomassie blue staining of purified LYZL4 protein (Cat# [TP305478]). The protein was produced from HEK293T cells transfected with LYZL4 cDNA clone (Cat# [RC205478]) using MegaTran 2.0 (Cat# [TT210002]).