Product datasheet for PH313326

LST1 (NM_205839) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LST1 MS Standard C13 and N15-labeled recombinant protein (NP_995311)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213326
Predicted MW:	10.8 kDa
Protein Sequence:	>RC213326 representing NM_205839 Red=Cloning site Green=Tags(s) MLSRNDDICIYGGLGLGGLLLLAVVLLSACLCWLHRRVKRLERSWAQGSSEQELHYASLQRLPVPSSEGP DLRGRDKRGTKEDPRADYACIAENKPT 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_995311
RefSeq Size:	769
RefSeq ORF:	291
Synonyms:	B144; D6S49E; LST-1
Locus ID:	7940
UniProt ID:	O00453, A0A024RCT6, Q5SP24
Cytogenetics:	6p21.33

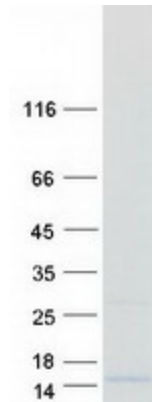View online »

Summary: The protein encoded by this gene is a membrane protein that can inhibit the proliferation of lymphocytes. Expression of this gene is enhanced by lipopolysaccharide, interferon-gamma, and bacteria. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Protein Families: Transmembrane

Product images:

Coomassie blue staining of purified LST1 protein (Cat# [TP313326]). The protein was produced from HEK293T cells transfected with LST1 cDNA clone (Cat# [RC213326]) using MegaTran 2.0 (Cat# [TT210002]).