

Product datasheet for PH302266

GNL1 (NM_005275) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GNL1 MS Standard C13 and N15-labeled recombinant protein (NP_005266)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202266
Predicted MW:	68.7 kDa
Protein Sequence:	>RC202266 protein sequence Red =Cloning site Green =Tags(s)

MPRKPPFSVKQKKQLQDKRERKRLQDGLRSSNSRSGSRERREEQTDTSDGESVTHHIRRLNQPSQG
 LGPRGYDPNRYRLHFERDSREEVERRKRAAREQVLQPVSAELLELDIREVYQPGSVLDFPRRPPWSYEMS
 KEQLMSQEERSFQDYLGIHGAYSSEKLSYFEHNLETWRQLWRVLEMSDIVLLITDIRHPVVFPPALYE
 YVTGELGLALVLVLNKVDLAPPALVVAWKHYFHQHPQLHVLFSTFPRDPRTQPDPSSVLKKSRRRGRG
 WTRALGPEQLLRACEAITVGKVDLSSWREKIARDVAGATWNGSGEEEEEDGPAVLVEQQTDSAMEPTG
 PTQERYKDGVTIGCVGFPNVGKSSLINGLVGRKVVSVRTPGHTRYFQTYFLTPSVKLCDCPGLIFPSL
 LPRQLQVLAGIPIAIIQEPYTAGYLAIRIPVQALLHLRHPAEDPSAEHPWCAWDICEAWAEKRGYKT
 AKAARNVYRAANSLRLAVDGRSLCFHPPGYSEQGTWESHPETTEL VVLQGRVGPAGDEEEEEEEEL
 SSSCEEEGEEDRDADEEGEGDEETPTSAPGSSLAGRNPYALLGEDEC

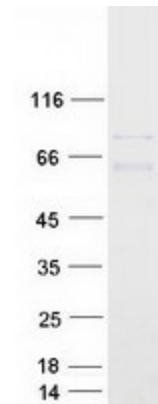
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_005266
RefSeq Size:	7925
RefSeq ORF:	1821


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Synonyms:	HSR1
Locus ID:	2794
UniProt ID:	P36915 , A0A024RCR2 , B4DYK6
Cytogenetics:	6p21.33
Summary:	The GNL1 gene, identified in the human major histocompatibility complex class I region, shows a high degree of similarity with its mouse counterpart. The GNL1 gene is located less than 2 kb centromeric to HLA-E, in the same transcriptional orientation. GNL1 is telomeric to HLA-B and HLA-C. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified GNL1 protein (Cat# [TP302266]). The protein was produced from HEK293T cells transfected with GNL1 cDNA clone (Cat# [RC202266]) using MegaTran 2.0 (Cat# [TT210002]).