

Product datasheet for PH314041

Sarcalumenin (SRL) (NM_001098814) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SRL MS Standard C13 and N15-labeled recombinant protein (NP_001092284)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214041
Predicted MW:	54.3 kDa
Protein Sequence:	>RC214041 representing NM_001098814 Red =Cloning site Green =Tags(s)

MRALVLLGCLLASLLFSGQAEETEDANEEAPLRDRSHIEKTLMLNEDKPSDDYSAVLQRLRKIYHSSIKP
 LEQSYKYNELRQHEITDGEITSKPMVLFLGPWSVGKSTMINYLLGLENTYQLYTGAEPPTSEFTVLMHG
 PKLKTIIEGIVMAADSARSFSPLEKFGQNFLEKLIGIEVPHKLLERVTFVDTPGIIENRKQQERGYPFNDV
 CQWFIDRADLIFVVDPTKLDVGLLEMLFRQLKGRESQIRIILNKADNLATQMLMRVYGALFWSLAPLI
 NVTEPPRVYVSSFWPQEYKPDTHQELFLQEEISLLEDLNQVIENRLENKIAFIRQHAIRVRIHALLVDYR
 LQTYKDKMTFFSDGELVFKDIVEDPKFYIFKTIILAKTNVSKFDLPNREAYKDFFGINPISSEFKLLSQQC
 SYMGCGFLEKIERAITQELPGLLGSLGLGKNPGALNCDKTGCSETPKNRYRKH

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:	<u>NP_001092284</u>
RefSeq Size:	4219
RefSeq ORF:	1419
Synonyms:	SAR


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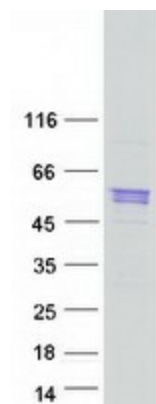
Locus ID: 6345

UniProt ID: [Q86TD4](#), [B3KPP4](#), [Q86TD4-2](#)

Cytogenetics: 16p13.3

Summary: May be involved in the regulation of calcium transport.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified SRL protein (Cat# [TP314041]). The protein was produced from HEK293T cells transfected with SRL cDNA clone (Cat# [RC214041]) using MegaTran 2.0 (Cat# [TT210002]).