

Product datasheet for PH303515

SDSL (NM_138432) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SDSL MS Standard C13 and N15-labeled recombinant protein (NP_612441)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203515
Predicted MW:	34.7 kDa
Protein Sequence:	>RC203515 protein sequence Red=Cloning site Green=Tags(s) MDGPVAEHAKQEPFHVVTPLESWALSQVAGMPVFLKCEVQPSGSFKIRGIGHFCQEMAKKGCRLVCS SGGNAGIAAAYAARKLGIPATIVLPESTSLQVVQRLQGEAEVQLTGKVVDEANLRAQELAKRDGWENVP PFDHPLIWKGHASLVQELKAVLRTPPGALVLA VGGGGLLAGVVAGLLEVGWQHVP I I AMETHGAHCFNAA ITAGKLVTLPDITSVAKSLGAKTVAARALECMQVCKIHSEVVEDTEAVSAVQQLLDDERMLVEPACGAAL AAIYSGLLRRLQAEGCLPPSLTSVVIVCGGNNINSRELQALKTHLGQV TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_612441</u>
RefSeq Size:	1414
RefSeq ORF:	987
Synonyms:	cSDH; SDH 2; SDS-RS1; TDH
Locus ID:	113675



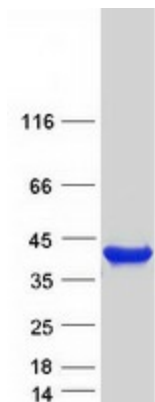
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UniProt ID: [Q96GA7](#), [A0A024RBL2](#)

Cytogenetics: 12q24.13

Summary: Has low serine dehydratase and threonine dehydratase activity.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified SDSL protein (Cat# [TP303515]). The protein was produced from HEK293T cells transfected with SDSL cDNA clone (Cat# [RC203515]) using MegaTran 2.0 (Cat# [TT210002]).