

Product datasheet for PH313063

ALS2CL (NM_182775) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ALS2CL MS Standard C13 and N15-labeled recombinant protein (NP_877576)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213063
Predicted MW:	34.8 kDa
Protein Sequence:	>RC213063 representing NM_182775 Red=Cloning site Green=Tags(s) MEDILEELLQHREPKALQLYLRKALSNSLHPLGKLLRTLMLTFQATYAGVGANKHLQELAQEEVKQHAQE LWAAAYRGLLRVALERKQGQALEEDEDTETRDLQVHGLVPLMLPSFYSELFYLLYLLHEREDSFYSQGIAN LSLFPDTQLLEFLDVQKHLWPLKDLTLTSNQRYSLVRDKCFLSATECLQKIMTTVDPREKLEVLERTYGE IEGTVSRVLGREYKLPMDLLPLLIYVVSRRARIQHLGAEIHLIRDMMDPNHTGGLYDFLLTALESCYEHI QKEDMRLHRLPGHWSRELW 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_877576</u>
RefSeq Size:	3148
RefSeq ORF:	900
Synonyms:	RN49018
Locus ID:	259173


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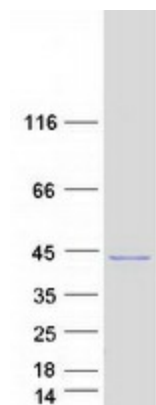
UniProt ID: Q60I27

Cytogenetics: 3p21.31

Summary: Acts as a guanine nucleotide exchange factor (GEF) for Rab5 GTPase. Regulates the ALS2-mediated endosome dynamics.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified ALS2CL protein (Cat# [TP313063]). The protein was produced from HEK293T cells transfected with ALS2CL cDNA clone (Cat# [RC213063]) using MegaTran 2.0 (Cat# [TT210002]).