

Product datasheet for PH302299

SGF29 (NM_138414) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CCDC101 MS Standard C13 and N15-labeled recombinant protein (NP_612423)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202299
Predicted MW:	33.2 kDa
Protein Sequence:	>RC202299 protein sequence Red=Cloning site Green=Tags(s) MALVSADSRIAELLTELHQLIKQTQEERSRSEHNLVNIQK THERMQTENKISPYRTKLRGLYTTAKADA EAECNILRKALDKIAEIKSLLEERRIAAKIAGLYNDSEPPRKTMRGVLMTLLQQSAMTLP LWIGKPGDK PPPLCGAIPASGDYVARPGDKVAARVKAVDGDEQWILAEVVSYSYSHATNKYEVDIDEEGKERHTLSRRRV IPLPQWKANPETDPEALFQKEQLVLALYPQTTCFYRALIHAPPQRPQDDYSVLFEDTSYADGYSPLNVA QRYVVACKEPKKK 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_612423</u>
RefSeq Size:	1160
RefSeq ORF:	879
Synonyms:	CCDC101; STAF36; TDRD29
Locus ID:	112869



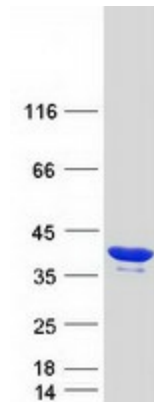
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UniProt ID: [Q96ES7](#)

Cytogenetics: 16p11.2

Summary: CCDC101 is a subunit of 2 histone acetyltransferase complexes: the ADA2A (TADA2A; MIM 602276)-containing (ATAC) complex and the SPT3 (SUPT3H; MIM 602947)-TAF9 (MIM 600822)-GCN5 (KAT2A; MIM 602301)/PCAF (KAT2B; MIM 602303) acetylase (STAGA) complex. Both of these complexes contain either GCN5 or PCAF, which are paralogous acetyltransferases (Wang et al., 2008 [PubMed 18838386]).[supplied by OMIM, Apr 2010]

Product images:



Coomassie blue staining of purified SGF29 protein (Cat# [TP302299]). The protein was produced from HEK293T cells transfected with SGF29 cDNA clone (Cat# [RC202299]) using MegaTran 2.0 (Cat# [TT210002]).