

Product datasheet for PH301017

GTL3 (CFAP20) (NM_013242) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C16orf80 MS Standard C13 and N15-labeled recombinant protein (NP_037374)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201017
Predicted MW:	22.8 kDa
Protein Sequence:	>RC201017 protein sequence Red=Cloning site Green=Tags(s) MFKNTFQSGFLSILYSIGSKPLQIWDKKVRNGHIKRITDNDIQSLVLEIEGTNVSTTYITCPADPKKTLG IKLPFLVMIKLNKKYFTFEVQVLDDKNVRRFRASNYQSTTRVKPFICTMPMRLLDDGWNQIQFNLLDFT RRAYGTNYIETLRVQIHANCRIRRVYFSDRLYSEDELPAEFKLYLPVQNKAKQ 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_037374
RefSeq Size:	1308
RefSeq ORF:	579
Synonyms:	BUG22; C16orf80; EVORF; fSAP23; GTL3
Locus ID:	29105
UniProt ID:	Q9Y6A4



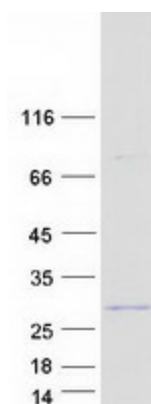
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Cytogenetics: 16q21

Summary: Cilium- and flagellum-specific protein that plays a role in axonemal structure organization and motility. Involved in the regulation of the size and morphology of cilia (PubMed:24414207). Required for axonemal microtubules polyglutamylation (PubMed:24414207).[UniProtKB/Swiss-Prot Function]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified CFAP20 protein (Cat# [TP301017]). The protein was produced from HEK293T cells transfected with CFAP20 cDNA clone (Cat# [RC201017]) using MegaTran 2.0 (Cat# [TT210002]).