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Product datasheet for PH305664

C20orf11 (GID8) (NM_017896) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C20orf11 MS Standard C13 and N15-labeled recombinant protein (NP_060366)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205664
Predicted MW:	26.8 kDa
Protein Sequence:	>RC205664 protein sequence Red=Cloning site Green=Tags(s) MSYAEKPDEITKDEWMEKLNNLHVQRADMNRLIMNYLVTEGFKEAAEKFRMESGIEPSLDLETLDERIKI REMILKGQIQEAIALINSLHPELLDTNRYLYFHLQQQHLIELIRQRETEAALEFAQTQLAEQGEESRECL TEMERTLALLAFDSPEESPFGDLLHTMQRQKVWSEVNQAVLDYENRESTPKLAKLLKLLLWAQNELDQKK VKYPKMTDLSKGVIEEPK 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_060366
RefSeq Size:	4440
RefSeq ORF:	684
Synonyms:	C20orf11; TWA1
Locus ID:	54994
UniProt ID:	Q9NWU2

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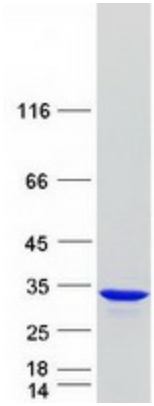
Cytogenetics: 20q13.33

Summary: Core component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1 (PubMed:29911972). Acts as a positive regulator of Wnt signaling pathway by promoting beta-catenin (CTNNB1) nuclear accumulation (PubMed:28829046).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified GID8 protein (Cat# [TP305664]). The protein was produced from HEK293T cells transfected with GID8 cDNA clone (Cat# [RC205664]) using MegaTran 2.0 (Cat# [TT210002]).