

## Product datasheet for PH313227

### CRYBG2 (NM\_001039775) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	AIM1L MS Standard C13 and N15-labeled recombinant protein (NP_001034864)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213227
Predicted MW:	178.4 kDa
Protein Sequence:	>RC213227 representing NM_001039775 Red=Cloning site Green=Tags(s)

MEEAGGPMARAKARVVSATLWTRQRPPTQEEIKHGFHKVSLVSGAQMEAPQKEMFEFSRREEVEVNGFAT  
QEEETVNCQGPRDTAGSKNFQSHGPIFSKYPKPPKPKRPEGRLEAVDQSDGSRQAPRTEPPCVGAMAR  
TELLVPLPGPREPSHPGVGLTSGSSRSLEEYRVTRTRTTVVGGHVDRRMSSSVTVRVPVSSGEALPRG  
RQVSRMVPVVGSPGSPRSQAVKVLNLVPAGHSPPASHLPRPTAGGPRSTGLGSTVGAALRQLPET  
GTAEKDDSSALASTGIPASAPHLKPNQDAPAAACPDQGRAPDARACELWQVLGAPSTELPLQTSQGQAS  
VPSSPRLETHVSPGLTHPAKQPVVPTHPGARLTPLVLPKPKKDGPDVPPAATVLPVSRSEHVTVPQPP  
APSTTRRKDVSPGGLSAPSSPRNKFVQNSENVPLPFTQREVVKGGPAAASSPTRKEVVQGSASAAS  
SPTWKEVVKGGPAAASSPTQKEVVQGSAPAALFPTWKEVVKGGPAAASSPTQKEVVQGSAPAALSPKS  
TEVVQGPKGSSSIQKEAVQGIAGSLAPPLTKEETVQGPAPATSLPKQDKGVQDSEGSPISSLTQKEVVQ  
DPDALPAPSSSDRVSPSPGGTAPVPTGAEASTESQLVSDPTEGKTCTETSSREEDEVALAADLEIFLDT  
LRSMPEPEILRTHRLPRAPRSSYLSMYATLPAIEEDQLGPWVLPVGGPQEVPSLEEKEEEEEEPENPYLS  
DDEKLRQKQKAGPSPSRDLHPARPTQVSCSPLEMMKKHVAGTKGPHSELGLELQGGSRPTSRLGGSLF  
GSLVPTAKEASTPEPLGTLKLSALLPHGAPGLRKVPQQLPLLCSESSPTEKLACSLPLEGWSALKTQK  
LNTRPGKVIFFSESGCQSGREWGDIVDASGWAPVASIRVVRCWVLYEPEFRGQKLVLPEDMELRT  
PGTKWSPQIGISLRRVVDYSTEISLFSSEGLKGEQVKLTEALKNSQGLEKPLQVATVSAGLWLLYP  
KPLFEDTPYILEPGEYPTSEAWGTSVSGSLKPMRLGCPVSEKPGEPRAVVYEAPGFQGRSWEVSRDIY  
NLQQPEDSQSPHLASVGSRLVLLGGCWVGYEKEGFRGHQYLLLEEGEYPDWSHWGGYDELLTSLRVIRTD  
DPAVVLFAMDFEGHGVESKALPDVELVQHGPSTQAIHVLSGVWVAYQEVGFSGEQYVLEKGVYRNCED  
WGAGNSTLASLQPVLVQGEHDLHFVSKIQLFSRPDGLDHFSEDDQAALPASFRPQSCRHGGSWILFD  
ETNFEQDQHILSEGEFPTLTAMGLASTVLGSLQKVSLEHSEPSIFLYGLECFEGKEIELSREVRSLQAE  
GFNNHVLVRIKGGIWLCEHSDFRGRQWL VGSCEITNWL TYSGTQRVGSLYPIKQRRVYFRLWNAALGG  
FLAVPDHVEDMKAGRVVADPQAGGSCIWYYEDGLLKNQMAPTMSLQVIGPPSPGSKVVLWAESRLPRT  
WSISESGHICSQMFEGQILDVKGGRGYDRDHVVLWEPDEDRASQIWTIHVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_001034864</a>
RefSeq Size:	5245
RefSeq ORF:	4983
Synonyms:	AIM1L
Locus ID:	55057
UniProt ID:	<a href="#">Q8N1P7</a> , <a href="#">Q9NWX5</a>
Cytogenetics:	1p36.11

### Product images:



Coomassie blue staining of purified CRYBG2 protein (Cat# [TP313227]). The protein was produced from HEK293T cells transfected with CRYBG2 cDNA clone (Cat# [RC213227]) using MegaTran 2.0 (Cat# [TT210002]).