

Product datasheet for **TP313227**

CRYBG2 (NM_001039775) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human absent in melanoma 1-like (AIM1L), 20 µg
Species:	Human
Expression Host:	HEK293T



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Expression cDNA Clone >RC213227 representing NM_001039775
or AA Sequence: Red=Cloning site Green=Tags(s)

MEEAGGPMARAKARVVSATLTWRQRPPTQEEIKHGFHKVSLVSGAQMEAPQKEMFEFSRREEVEVNGFAT
 QEEETVNCQGPRTAGSKNFQSHGPIFSKKYIPPPKEKRPEGRLEAVDQSDGSRQAPRTEPPCVGAMAR
 TELLVPLPGPREPSHPGVGLTSGSSRSLEEYRVTRTVRTTTVGGHVDRRMSSSVTRPVSSGEALPRG
 RQVSRMVPPVWVGSPGSPRSQAVKVLNLVPAGHSPPASHLPRPTAGGPRSTGLGSTVGAALRQLPET
 GTAELKDSSALASTGIPASAHLKPNQDAPAACPRDRDQGRAPDARACELWQVLGAPSSTELPLQTSQQQAS
 VPSSPRLETHVPSPLTHPAKQPVVPTHPGARLTPLVLPKKKDGVPDPPAATVLPMPVREHVTVPGQPP
 APSTTRRKDVPSPGGLSAPSSPRNKVQNSENVPLPFTQREVVKGPGAPAASSPTRKEVVQGSSASAAS
 SPTWKEVVKGPGAPAASSPTQKEVVQGSSAPAALFPTWKEVVKGPGAPDASFPTWKEVVKGPGAPAASSP
 TQKEVVQSGGAPAALSTTPKEVVKGPGAPAASSPTQKEVVKGPCAPAASSPTQKEVVQSGGAPAALSPKS
 TEVVQGPKGSSSIQKEAVQGIAGSLAPPLTKEETVQGPIAPATSLPKQDKGVQDSEGPSISSLTQKEVVQ
 DPDALPAPSSSVDRVSPSPGGTPAPVPTGAEASTESQLVSDPTEGKTCTETSREEDEVALAADLEIFLDT
 LRSMEPPEILRTHRLPRAPRSSYLSMYATLPAIEEDQLGPWWLGGPQEVPSLEEKEEEEEEPENPYLS
 DDEKLQRRQEKAGPSPSRDLHPARPTQVSCSPLEMMKKHVAGTKGPHSELGLELQGGSRPTSRLGGSLLF
 GSVLPTAKEASTPEPLGTKLSALLPHGAPGLRKVPGQLPLLCSESSPTEKLACSLPLEGWSPALKTQGGK
 LNTRPGKVIFFSESGCQSGGREVWGDIVDASGWAPVASIRVVRGCWWLYEPEFRGQKLVLPEDMELRT
 PGTKWSPQGIGSLRRVWVDYSTPEISLFSEEGKGEQVKLTEALKNSQGLEKPLQVASATVSAGLWLLYP
 KPLFEDTPYILEPGEYPTSEAWGTSDPSVGLKPMRLGCPVVEKPGEPRAVVYEAPGFQGRSWEVSRDIY
 NLQQPEDSQSPHLASVGLRVLGGCWVGYEKEGFRGHQYLLEEGEYPDWSHWGGYDELLTSLRVIRTDG
 DPAVLFAMDFEGHGEVSKALPDVELVQHGPSTQAIHVLSGVWVAYQEVGFSGEQYVLEKGVYRNCED
 WGAGNSTLASLQPVLVQGEHDLHFVSKIQLFSRPFDFLGDHFSFEDDQAALPASFRPQSCRVHGGSWILFD
 ETNFEGDQHILSEGEFPTLTAMGCLASTVLGSLQKVLHFSEPSIFLYGLECFEGKEIELSREVRSLQAE
 GFNNHVLVSVRIKGGIWWLCEHSDFRGRQWLVGSCITNWLTYSGTQRVGSLYPIKQRRVYFRLWNAALGG
 FLAVPDHVEDMKAGRWWADPQAGGSCIWYEDGLLKNQMAPTMSLQVIGPPSPGSKVWLWAESRLPRQT
 WSISESGHICSQMFEQGILDVKGGRGYDRDHVWLWEPDEDRASQIWTIHVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 68.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

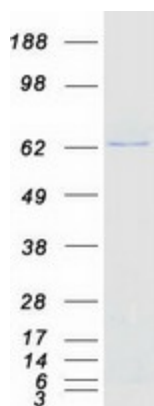
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001034864
Locus ID:	55057
UniProt ID:	Q8N1P7 , Q9NWG5
RefSeq Size:	5245
Cytogenetics:	1p36.11
RefSeq ORF:	4983
Synonyms:	AIM1L

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]).