

Product datasheet for **TP313227L**

CRYBG2 (NM_001039775) Human Recombinant Protein

Product data:

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



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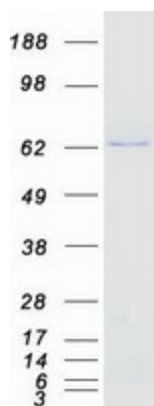
Expression cDNA Clone >RC213227 representing NM_001039775
or AA Sequence: Red=Cloning site Green=Tags(s)

MEEAGGPMARAKARVVSATLTWRQRPPTQEEIKHGFHKVSLVSGAQMEAPQKEMFEFSRREEVEVNGFAT
 QEEETVNCQGPRTAGSKNFQSHGPIFSKKYIPPPKEKRPEGRLEAVDQSDGSRQAPRTEPPCVGAMAR
 TELLVPLPGPREPSHPGVGLTSGSSRSLEEYRVTRTVRTTTVGGHVDRRMSSSVTRPVSSGEALPRG
 RQVSRMVPPVWVGSPGSPRSQAVKVLNLVPAHGSPASHLPRPTAGGPRSTGLGSTVGAALRQLPET
 GTAELKDSSALASTGIPASAHLKPNQDAPAACPRDRDQGRAPDARACELWQVLGAPSSTELPLQTSQQQAS
 VPSSPRLETHVPSPLTHPAKQPVVPTHPGARLTPLVLPKKKDGVPDPPAATVLPMPVREHVTVPGQPP
 APSTTRRKDVPSPGGLSAPSSPRNKVQNSENVPLPFTQREVVKGPGAPAASSPTRKEVVQGSSASAAS
 SPTWKEVVKGPGAPAASSPTQKEVVQGSSAPAALFPTWKEVVKGPGAPDASFPTWKEVVKGPGAPAASSP
 TQKEVVQSGGAPAALSTTPKEVVKGPGAPAASSPTQKEVVKGPCAPAASSPTQKEVVQSGGAPAALSPKS
 TEVVQGPKGSSSIQKEAVQGIAGSLAPPLTKEETVQGPIAPATSLPKQDKGVQDSEGPSISSLTQKEVVQ
 DPDALPAPSSSVDRVSPSPGGTPAPVPTGAEASTESQLVSDPTEGKTCTETSREEDEVALAADLEIFLDT
 LRSMEPPEILRTHRLPRAPRSSYLSMYATLPAIEEDQLGPWWLGGPQEVPSLEEKEEEEEEPENPYLS
 DDEKLQRRQEKAGPSPSRDLHPARPTQVSCSPLEMMKKHVAGTKGPHSELGLELQGGSRPTSRLGGSLLF
 GSVLPTAKEASTPEPLGTKLSALLPHGAPGLRKVPGQLPLLCSESSPTEKLACSLPLEGWSPALKTQGGK
 LNTRPGKVIFFSESGCQSGGREVWGDIVDASGWAPVASIRVVRGCWWLYEPEFRGQKLVLPEDMELRT
 PGTKWSPQGIGSLRRVWVDYSTPEISLFSEEGKGEQVKLTEALKNSQGLEKPLQVASATVSAGLWLLYP
 KPLFEDTPYILEPGEYPTSEAWGTSDPSVGLKPMRLGCPVVEKPGEPRAVVYEAPGFQGRSWEVSRDIY
 NLQQPEDSQSPHLASVGLRVLGGCWVGYEKEGFRGHQYLLEEGEYPDWSHWGGYDELTLRVRTDFG
 DPAVWLFEAMDFEGHGVESKALPDVELVQHGPSTQAIHVLSGWWAYQEVGFSGEQYVLEKGVYRNCED
 WGAGNSTLASLQPVLVQGEHDLHFVSKIQLFSRPFGLGDHFSFEDDQAALPASFRPQSCRVHGGSWILFD
 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]).