

Product datasheet for **TP313227M**

CRYBG2 (NM_001039775) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human absent in melanoma 1-like (AIM1L), 100 µg
Species:	Human
Expression Host:	HEK293T



[View online »](#)

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

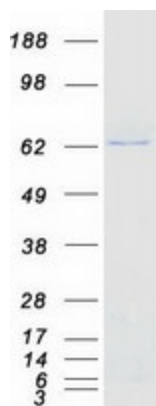
MEEAGGPMARAKARVVSATLTWRQRPPTQEEIKHGFHKVSLVSGAQMEAPQKEMFEFSRREEVEVNGFA
T
QEEETVNCQGPRDTAGSKNFQSHGPIFSKKYIPPPKEKRPEGRLEKAVDQSDGSRQAPRTEPPCVGAMAR
TELLVPLPGPREPSHPGVGLTSGSSRSLEEYRVTRTVRTTTVVGGHVDRRMSSSVTVRPVSSGEALPRG
RQVSRMVPPVVVGSPPGSPRSQAVKVLNLVPAGHSPPASHLPRPTAGGPRSTGLGSTVGAALRQLPET
GTAELKDSSALASTGIPASAHLPKNQDAPAAACPD RDQGRAPDARACELWQVLGAPSSSTELPLQTSQGQAS
VPSSPRLETHVPSPGLTHPAKQPVVPTHPGARLTPVLPPKKKDGPDPPAATVLP MVRSEHVTVP GQPP
APSTTRRKDVSPGGLSAPSSPRNKFVQNSENVPLPFTQREVVKGP GAPAASSPTRKEVVQGSSASAAS
SPTWKEVVKGP GAPAASSPTQKEVVQGSSAPAALFPTWKEVVKGP GAPDASFTWKEVVKGP GAPAASSP
TQKEVVQGS GAPAALSTTPKEVVKGP GAPAASSPTQKEVVKGPCAPAASSPTQKEVVQGS GAPAALSPKS
TEVWQGPKGSSSIQKEAVQGIAGSLAPPLTKEETVQGPIAPATSLPKQDKGVQDSEGSPISSTLQKEVVQ
DPDALPAPSSSVDRVSPSPGGTPAPVPTGAEASTESQLVSDPTEGKTCTETSREEDEVALAADLEIFLDT
LRSMEPPEILRTHRLPRAPRSSYLSMYATLPAIEEDQLGPWWLGPGPQEVPSLEEKEEEEEEEEPENPYLS
DDEKLQRRQEKAGPSPSRDLHPARPTQVSCSPLEMMKKHVAGTKGPHSELGLELQGGSRPTSRLGGSLL
F
GSLVPTAKEASTPEPLGTKLSALLPHGAPGLRKVP GQLPLLCSSRSPTTEKLACSLPLEGWSPALKTQ GK
LNTRPGKVIFFSESGCQGS GREVWGDIVDASGWAPVASIRVVRGCWVLYEEPEFRGQKLVLP EGDME LRT
PGTKWSPQGIGSLRRVWDYSTPEISLFSEEGLKGEQVKLTEALKNSQGLEKPLQVASATVSAGLWLLYP
KPLFEDTPYILEPGEYPTSEAWGTSDPSVGS LKPMRLGCP SVEKPGEPRAVVYEAPGFQGRSWEVSRDIY
NLQQPEDSQSPHLASVGSRLVLGGCWVGYEKEGFRGHQYLLEEGEYPDWSHWGGYDELLTSLRVIRTD F
G
DPAVWLFEAMDFEGH GVEVSKALPDVELVQHGPSTQAIHVLSGVWWAYQEVGFSGEQYVLEKGVYRNCE
D
WGAGNSTLASLQPV LQVGEHDLHFVSKIQLFSRPDFLGDHFSFEDDQAALPASFRPQSCR VHGGSWILFD
ETNFEGDQHILSEGEFPTLTAMGCLASTVLGSLQKVS LHFSEPSIFLYGLECFEGKEIELSREVRSLQAE
GFNNHVL SVRIKGGIWVLC EHSDFRGRQWL VGSCEITNWL TYSGTQRVGSLYPIKQRRVYFRLWNAALGG
FLAVPDHVEDMKAGR VVADPQAGGSCIWYYEDGLLKNQMAPTMSLQVIGPPSPGSKVVLWAESRLPR
QT
WSISESGHICSQMFEGQILDVKGGRGYDRDHVVLWEPDEDRASQIWTIHVL

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:	<u>NP_001034864</u>
Locus ID:	55057
UniProt ID:	<u>Q8N1P7</u>
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]).