

Product datasheet for **TP300581M**

GADD34 (PPP1R15A) (NM_014330) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein phosphatase 1, regulatory (inhibitor) subunit 15A (PPP1R15A), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC200581 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAPGQAPHQATPWDAHPFFLLSPVMGLLSRAWSRLRGLGLEPWLVAVKGAALVEAGLEGEARTPLAI
PHTPWGRRPEEEAEDSGGPGEDRETGLKTSSSLPEAWGLDDDDGMYGEREATSVPRGQGSQFADGQRA
PLSPSLLIRTQGSDDKNPGEKAE EEGVAEEGVNKFSPSHRECCPAVEEEDDEEAVKKEAHRSTSA
LSPGSKPSTWVSCPGEEENQATEDKRTERSKGARKTSVSPRSSGSDPRSWEYRSGEASEEKEEKAHKETG
KGAAAPGPQSSAPAQRPLKSWWCQPSDEEEGEVKALGAAEKDGEAECPPCIPPPSAFLKAWVYWPGEDT
EEEEDEEDEDSDSGSDEEEGEAEASSTPATGVFLKSWVYQPGEDTEEEDEDEDSDTGSAEDEREAE TSA
STPPASAFKAWVYRPGEDTEEEDEDEDVSEDKEDDSEAALGEAESDPPHSPDPQRAHFRGWGYRPGKET
EEEEAAEDWGEAECPCFRVAIYVPGKPPPPWAPPRLPLRLQRRLLKRPETPTHDPDPETPLKARKVRFSE
KVTVHFLAVWAGPAQAARQGPWEQLARDRSRFRARRITQAQEELSPCLTPAARARAWARLRNPPLAPIPAL
TQTLPSSSVPSSPVQTTPLSQAVATPSRSSAAAAAALDLSGRRG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

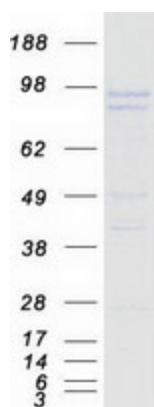
Tag:	C-Myc/DDK
Predicted MW:	73.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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_055145</u>
Locus ID:	23645
UniProt ID:	<u>O75807</u>
RefSeq Size:	2399
Cytogenetics:	19q13.33
RefSeq ORF:	2022
Synonyms:	GADD34
Summary:	This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The induction of this gene by ionizing radiation occurs in certain cell lines regardless of p53 status, and its protein response is correlated with apoptosis following ionizing radiation. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified PPP1R15A protein (Cat# [TP300581]). The protein was produced from HEK293T cells transfected with PPP1R15A cDNA clone (Cat# [RC200581]) using MegaTran 2.0 (Cat# [TT210002]).