

Product datasheet for PH300581

GADD34 (PPP1R15A) (NM_014330) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PPP1R15A MS Standard C13 and N15-labeled recombinant protein (NP_055145)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200581
Predicted MW:	73.5 kDa
Protein Sequence:	>RC200581 protein sequence Red=Cloning site Green=Tags(s)

MAPGQAPHQATPWRDAHPFFLLSPVMGLLSRAWSRLRGLGPLEPWLVEAVKGAALVEAGLEGEARTPLAI
PHTPWGRRPEEEAEDSGGPGEDRETLGLKTSSSLPEAWGLLDDDDGMYGEREATSVPRGQGSQFADGQRA
PLSPSLLIRTLQGSCKNPGEKAEVEEGVAAEEGVNKFYPPSHRECCPAVEEEDDEEAVKKEAHRSTSA
LSPGSKPSTWVSCPGEEENQATEDKRTERSKGARKTSVSPRSSGSDPRSWEYRSGEASEEKEKAHKETG
KGEAAPGPQSSAPAQRPLKSWWCQPSDEEEGEVKALGAAEKDGEAECPPCIPPPSAFLKAWVYWPGEDT
EEEEDEEDEDSDSGSDEEEGEAEASSSTPATGVFLKSWVYQPGEDTEEEDESDTGSAEDEREAETSA
STPPASAFKAWVYRPGEDTEEEDEDVDESKEDDSEALGEAEDPHPSHPDQRAHFRGWYRPGKET
EEEEAAEDWGEAEPFVAVIYVPGKPPPPWAPPRLPLRLQRRKRPETPTHDPDPETPLKARKVRFSE
KVTVHFLAVWAGPAQAARQGPWEQLARDRSRFARRITQAQEELSPCLTPAARARAWARLRNPPLAPIPAL
TQTLPSSVSPVQTTPLSQAVATPSRSSAAAAAALDLSGRRG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_055145
RefSeq Size:	2399



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RefSeq ORF: 2022

Synonyms: GADD34

Locus ID: 23645

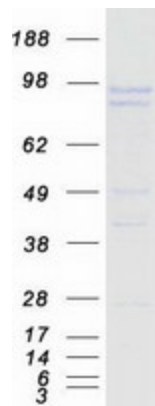
UniProt ID: [O75807](#)

Cytogenetics: 19q13.33

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]).