

[Go to Product page](#)

Datasheet for ABIN7547880

GADD45GIP1 Protein (AA 1-222) (His tag)

Overview

Quantity:	1 mg
Target:	GADD45GIP1
Protein Characteristics:	AA 1-222
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GADD45GIP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GADD45GIP1 Protein expressed in mammalian cells.
Sequence:	MAASVRQARS LLGVAATLAP GSRGYRARPP PRRRPGPRWP DPEDLLTPRW QLGPRYAAKQ FARYGAASGV VPGSLWPSPE QLRELEAEER EWYPSLATMQ ESLRVKQLAE EQKRREREQH IAECMAKMPQ MIVNWQQQR ENWEKAQADK ERRARLQAEA QELLYQVDP RSARFQELLQ DLEKKERKRL KEEKQKRKKE ARAAALAAV AQDPAASGAP SS Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	GADD45GIP1
Alternative Name:	GADD45GIP1 (GADD45GIP1 Products)
Background:	Large ribosomal subunit protein mL64 (39S ribosomal protein L59, mitochondrial) (MRP-L59) (CKII beta-associating protein) (CR6-interacting factor 1) (CRIF1) (Growth arrest and DNA damage-inducible proteins-interacting protein 1) (Papillomavirus L2-interacting nuclear protein 1) (PLINP) (PLINP-1) (p53-responsive gene 6 protein),FUNCTION: Acts as a negative regulator of G1 to S cell cycle phase progression by inhibiting cyclin-dependent kinases. Inhibitory effects are additive with GADD45 proteins but occurs also in the absence of GADD45 proteins. Acts as a repressor of the orphan nuclear receptor NR4A1 by inhibiting AB domain-mediated transcriptional activity. May be involved in the hormone-mediated regulation of NR4A1 transcriptional activity. May play a role in mitochondrial protein synthesis.
Molecular Weight:	25.4 kDa
UniProt:	Q8TAE8

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
--------------------	--

Application Details

functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
