

Datasheet for ABIN7560613
GADD45GIP1 Protein (AA 1-222) (His tag)



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Overview

Quantity:	1 mg
Target:	GADD45GIP1
Protein Characteristics:	AA 1-222
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GADD45GIP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Gadd45gip1 Protein expressed in mammalien cells.
Sequence:	MAALAMRSGY LLRLSVALGP RRSYRAPP PRRRPGPHSP DPENLLTPRW QLTPRYVAKQ FGRHGAISGV PPASLWPTPE QLRELEAEEQ EWYPSLATMQ ESLRLQQAL EARRQAREQR IAECMAKMPQ MIENWRKQKR ERWEKIQADK ERRARLQAEA QERLGYHVDP RSARFQELLQ DLDKQQRKRL KEERQRQKKE ARIAAMASAE AQDSAVSGEP 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.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

Product Details

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, Western Blot
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Grade:	custom-made
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Target Details

Target:	GADD45GIP1
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Alternative Name:	Gadd45gip1 (GADD45GIP1 Products)
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Background:	Large ribosomal subunit protein mL64 (39S ribosomal protein L59, mitochondrial) (MRP-L59) (Growth arrest and DNA damage-inducible proteins-interacting protein 1),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. {ECO:0000250 UniProtKB:Q8TAE8}.
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Molecular Weight:	25.8 kDa
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UniProt:	Q9CR59
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

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