

Datasheet for ABIN7547821

## GAS2 Protein (AA 1-313) (His tag)



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### Overview

Quantity:	1 mg
Target:	GAS2
Protein Characteristics:	AA 1-313
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAS2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat GAS2 Protein expressed in mammalian cells.
Sequence:	<p>MCTALSPKVR SGPGLSDMHQ YSQWLASRHE ANLLPMKEDL ALWLTNLLGK EITAETFMEK</p> <p>LDNGALLCQL AETMQEKFKS SMDANKPTKN LPLKKIPCKT SAPSGSFFAR DNTANFLSWC</p> <p>RDLGVDETCL FESEGLVLHK QPREVCLCLL ELGRIAARYG VEPPGLIKLE KEIEQEETLS</p> <p>APSPSPSPSS KSSGKKSTGN LLDDAVKRIS EDPPCKCPNK FCVERLSQGR YRVGEKILFI</p> <p>RMLHNKHVMV RVGGGWETFA GYLLKHDPGR MLQISRVDGK TSPIQSKSPT LKDMNPDNYL</p> <p>VVSASYKAKK EIK <b>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.</b></p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>Made to order protein - from design to production - by highly experienced protein experts.</li> </ul>

## Product Details

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- 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, Western Blot
Grade:	custom-made

## Target Details

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Target:	GAS2
Alternative Name:	GAS2 ( <a href="#">GAS2 Products</a> )
Background:	Growth arrest-specific protein 2 (GAS-2),FUNCTION: May play a role in apoptosis by acting as a cell death substrate for caspases. Is cleaved during apoptosis and the cleaved form induces dramatic rearrangements of the actin cytoskeleton and potent changes in the shape of the affected cells. May be involved in the membrane ruffling process (By similarity). {ECO:0000250}.
Molecular Weight:	34.9 kDa
UniProt:	<a href="#">O43903</a>
Pathways:	<a href="#">Caspase Cascade in Apoptosis</a>

## Application Details

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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