

Datasheet for ABIN7562843
GAS2 Protein (AA 1-314) (His tag)



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Overview

Quantity:	1 mg
Target:	GAS2
Protein Characteristics:	AA 1-314
Origin:	Mouse
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 mammalien cells.
Sequence:	MMCTALSPKV RSGPGLSDMH QYSQWLASRH EANLLPMKED LALWLTNLLG KEITAETFME KLDNGALLCQ LAATVQEKFK ESMDANKPAK TLPLKKIPCK ASAPSGSFFA RDNTANFLSW CRDLGVDETC LFESEGLVLH KQPREVCLCL LELGRIAARY GVEPPGLIKL EKEIEQEETL SAPSPSPSPS SKSSGKKSTG NLLDDAVKRI SEDPPCKCPT KFCVERLSQG RYRVGEEKILF IRMLHNKHVM VRVGGGWETF AGYLLKHDPC RMLQISRVDG KTSPVQSKSP TLKDMNPDNY LVVSATYKAK KEIK 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:	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, Western Blot
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Grade:	custom-made
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Target Details

Target:	GAS2
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Alternative Name:	Gas2 (GAS2 Products)
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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 play a role in chondrocyte proliferation and differentiation, and in limb myogenesis. May be involved in the regulation of the apoptosis in the interdigital tissues of the developing hindlimb. May be involved in the membrane ruffling process. {ECO:0000269 PubMed:10049561}.
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Molecular Weight:	34.9 kDa
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UniProt:	P11862
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Pathways:	Caspase Cascade in Apoptosis
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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
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Application Details

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