

Datasheet for ABIN7552013
AHSA1 Protein (AA 1-338) (His tag)



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Overview

Quantity:	1 mg
Target:	AHSA1
Protein Characteristics:	AA 1-338
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AHSA1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant AHSA1 Protein expressed in mammalian cells.
Sequence:	MAKWGEGDPR WIVEERADAT NVNNWHWTER DASNWSTDKL KTLFLAVQVQ NEEGKCEVTE VSKLDGEASI NNRKGKLIFF YEWSVKLNWT GTSKSGVQYK GHVEIPNLSD ENSVDEVEIS VSLAKDEPDT NLVALMKEEG VKLLREAMGI YISTLKTEFT QGMILPTMNG ESVDPVGQPA LKTEERKAKP APSKTQARPV GVKIPTCKIT LKETFLTSPE ELYRVFTTQE LVQAFTHAPA TLEADRGGKF HMVDGNVSGE FTDLVPEKHI VMKWRFKSWP EGHFATITLT FIDKNGETEL CMEGRGIPAP EEERTRQGQW RYYFEGIKQT FGYGARLF 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:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- 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:	AHSA1
Alternative Name:	AHSA1 (AHSA1 Products)
Background:	Activator of 90 kDa heat shock protein ATPase homolog 1 (AHA1) (p38),FUNCTION: Acts as a co-chaperone of HSP90AA1 (PubMed:29127155). Activates the ATPase activity of HSP90AA1 leading to increase in its chaperone activity (PubMed:29127155). Competes with the inhibitory co-chaperone FNIP1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:27353360). Competes with the inhibitory co-chaperone TSC1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:29127155). {ECO:0000269 PubMed:27353360, ECO:0000269 PubMed:29127155}.
Molecular Weight:	38.3 kDa
UniProt:	O95433

Application Details

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