

Datasheet for ABIN7548294
HES2 Protein (AA 1-173) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	HES2
Protein Characteristics:	AA 1-173
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HES2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HES2 Protein expressed in mammalian cells.
Sequence:	MGLPRRAGDA AELRKSLKPL LEKRRRARIN QLSQLKGLI LPLLGRENSN CSKLEKADVL EMTVRFLQEL PASSWPTAAP LPCDSYREGY SACVARLARV LPACRVLEPA VSARLLEHLW RRAASATLDG GRAGDSSGPS APAPAPASAP EPASAPVPSP PSPPCGPGLW RPW 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.• Protein expressed in mammalian 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	HES2
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Alternative Name:	HES2 (HES2 Products)
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Background:	Transcription factor HES-2 (Class B basic helix-loop-helix protein 40) (bHLHb40) (Hairy and enhancer of split 2),FUNCTION: Transcriptional repressor of genes that require a bHLH protein for their transcription. {ECO:0000250}.
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Molecular Weight:	18.5 kDa
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UniProt:	Q9Y543
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Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months