

Datasheet for ABIN7554152
HAS3 Protein (AA 1-553) (His tag)



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Overview

Quantity:	1 mg
Target:	HAS3
Protein Characteristics:	AA 1-553
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HAS3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat HAS3 Protein expressed in mammalian cells.
Sequence:	MPVQLTTALR VVGTSLFALA VLGILAAVY TGYQFIHTEK HYLSFGLYGA ILGLHLIIQS LFAFLEHRRM RRAGQALKLP SPRRGSVLALC IAAYQEDPDY LRKCLRSAQR ISFPDLKVV VVDGNRQEDA YMLDIFHEVL GGTEQAGFFV WRSNFHEAGE GETEASLQEG MDRV RDVVRA STFSCIMQKW G GKREVMYTA FKALGDSVDY IQVCDSDTVL DPACTIEMLR VLEEDPQVGG VGGDVQILNK YDSWISFLSS VRYWMAFNV RACQSYFGCV QCISGPLGMY RNSLLQQFLE DWYHQKFLGS KCSFGDDRHL TNRVLSLGYR TKYTARSKCL TETPTKYLRW LNQQTRWSKS YFREWLYNSL WFHKHHLWMT YESVVTGFFP FFLIATVIQL FYRGRIWNIL LFLTLVQLVG IIKATYACFL RGNAEMIFMS LYSLLYMSSL LPAKIFAIAT INKSGWGTSG RKTIVVNFIG LIPVSIWVAV LLGGLAYTAY CQDLFSETEL AFLVSGAILY GCYWVALLML YLAIARRCG KKPEQYSLAF AEV Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make

Product Details

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 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).
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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:	HAS3
Alternative Name:	HAS3 (HAS3 Products)
Background:	<p>Hyaluronan synthase 3 (EC 2.4.1.212) (Hyaluronate synthase 3) (Hyaluronic acid synthase 3) (HA synthase 3),FUNCTION: Catalyzes the addition of GlcNAc or GlcUA monosaccharides to the nascent hyaluronan polymer. Therefore, it is essential to hyaluronan synthesis a major component of most extracellular matrices that has a structural role in tissues architectures and regulates cell adhesion, migration and differentiation. This is one of three isoenzymes responsible for cellular hyaluronan synthesis. {ECO:0000269 PubMed:23303191, ECO:0000269 PubMed:25795779, ECO:0000269 PubMed:26883802}.</p>
Molecular Weight:	63.0 kDa
UniProt:	O00219
Pathways:	Glycosaminoglycan Metabolic Process

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.

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
