

Datasheet for ABIN7547712
FOXR1 Protein (AA 1-292) (His tag)



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Overview

Quantity:	1 mg
Target:	FOXR1
Protein Characteristics:	AA 1-292
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXR1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat FOXR1 Protein expressed in mammalian cells.
Sequence:	<p>MGNELFLAFT TSHLPLAEQK LARYKLRIK PPKLPLEKKP NPKDGPDPYE PNLWMWVNP</p> <p>IVYPPGKLEV SGRRKREDLT STLPSSQPPQ KEEDASCSEA AGVESLSQSS SKRSPPRKRF</p> <p>AFSPSTWELT EEEEEADQED SSSMALPSPH KRAPLQSRRL RQASSQAGRL WSRPPLNYFH</p> <p>LIALALRNSS PCGLNVQQIY SFTRKHFPFF RTAPEGWKNT VRHNLCFRDS FEKVPVSMQG</p> <p>GASTRPRSCL WKLTEEGHRR FAEEARALAS TRLESIQQCM SQPDVMPFLF DL 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.</p>
Characteristics:	<p>Key Benefits:</p> <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
Grade:	custom-made

Target Details

Target:	FOXR1
Alternative Name:	FOXR1 (FOXR1 Products)
Background:	Forkhead box protein R1 (Forkhead box protein N5),FUNCTION: Transcription factor which acts as both an activator and a repressor (PubMed:34723967). Activates transcription of a number of genes including the heat shock chaperones HSPA1A and HSPA6 and the antioxidant NADPH-dependent reductase DHRS2 which are involved in protection against oxidative stress (PubMed:34723967). Required for normal brain development (By similarity). {ECO:0000250 UniProtKB:Q3UTB7, ECO:0000269 PubMed:34723967}.
Molecular Weight:	33.3 kDa
UniProt:	Q6PIV2

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