

Datasheet for ABIN7547744  
**FOXE3 Protein (AA 1-319) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	FOXE3
Protein Characteristics:	AA 1-319
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXE3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat FOXE3 Protein expressed in mammalian cells.
Sequence:	<p>MAGRSDMDPP AAFSGFPALP AVAPSGPPPS PLAGAEPGRE PEEAAAGRGE APTPAPGPG  RRRRRPLQRG KPPYSYIALI AMALAHAPGR RLTLAAIYRF ITERFAFYRD SPRKWQNSIR  HNLTLNDCFV KVPREPGNPG KGNYWTLDP AADMFDNGSF LRRRKRFKRA ELPAHAAAAP  GPPLPFYAP YAPAPGPALL VPPPSAGPGP SPPARLFSVD SLVNLQPELA GLGAPEPPCC  AAPDAAAAAF PPCAAAASPP LYSQVPDRLV LPATRPGPGP LPAEPLLALA GPAAALGPLS  PGEAYLRQPG FASGLERYL <b>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.</b></p>

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>Made to order protein - from design to production - by highly experienced protein experts.</li> </ul>
------------------	---

## 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:	FOX E3
Alternative Name:	FOX E3 (FOX E3 Products)
Background:	<p>Forkhead box protein E3 (Forkhead-related protein FKHL12) (Forkhead-related transcription factor 8) (FREAC-8),FUNCTION: Transcription factor that controls lens epithelial cell growth through regulation of proliferation, apoptosis and cell cycle (PubMed:22527307, PubMed:25504734). During lens development, controls the ratio of the lens fiber cells to the cells of the anterior lens epithelium by regulating the rate of proliferation and differentiation (By similarity). Controls lens vesicle closure and subsequent separation of the lens vesicle from ectoderm (By similarity). Controls the expression of DNAJB1 in a pathway that is crucial for the development of the anterior segment of the eye (PubMed:27218149).</p> <p>{ECO:0000250 UniProtKB:Q9QY14, ECO:0000269 PubMed:22527307, ECO:0000269 PubMed:25504734, ECO:0000269 PubMed:27218149}.</p>
Molecular Weight:	33.2 kDa
UniProt:	<a href="#">Q13461</a>

## 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