

Datasheet for ABIN7562497
FIGLA Protein (AA 1-194) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FIGLA
Protein Characteristics:	AA 1-194
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FIGLA protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Figla Protein expressed in mammalien cells.
Sequence:	MDTAPASPEP FLVTPQAEVL EELIQAQMGP LPRLAAICRL KRLPSGGYST TDDLHLVLER RRVANAKERE RIKNLNRGFA KLKALVPFLP QSRKPSKVDI LKGATEYIQI LGCVLEEAKV SEKQSPEEQT HSGRPSDPHV SSTRELLGNA TQPTSCASGL KKEEEGPWAY AGHSEPLYSY HQSTVPETRS YFTH 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.
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 mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

- 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:	FIGLA
---------	-------

Alternative Name:	Figla (FIGLA Products)
-------------------	--

Background:	Factor in the germline alpha (FIGalpha) (Transcription factor FIGa),FUNCTION: Germ-line specific transcription factor implicated in postnatal oocyte-specific gene expression. Plays a key regulatory role in the expression of multiple oocyte-specific genes, including those that initiate folliculogenesis and those that encode the zona pellucida (ZP1, ZP2 and ZP3) required for fertilization and early embryonic survival. Essential for oocytes to survive and form primordial follicles. The persistence of FIGLA in adult females suggests that it may regulate additional pathways that are essential for normal ovarian development. Binds to the E-box (5'-CANNTG-3') of the ZPs (ZP1, ZP2, ZP3) promoters. {ECO:0000269 PubMed:11023867}.
-------------	---

Molecular Weight:	21.5 kDa
-------------------	----------

UniProt:	O55208
----------	------------------------

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