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## Datasheet for ABIN7547126 **DPPA2 Protein (AA 1-298) (His tag)**

### Overview

Quantity:	1 mg
Target:	DPPA2
Protein Characteristics:	AA 1-298
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DPPA2 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant DPPA2 Protein expressed in mammalian cells.
Sequence:	<p>MSDANLDSSK KNFLEGEVDD EESVILTLVP VKDDANMEQM EPSVSSTSDV KLEKPKKYNP GHLLQTNEQF TAPQKARCKI PALPLPTILP PINKVCRDTL RDWCQQLGLS TNGKKIEVYL RLHRHAYPEQ RQDMPEMSQE TRLQRCRKR KAVTKRARLQ RSYEMNERAE ETNTVEVITS APGAMLASWA RIAARAVQPK ALNSCSIPVS VEAFLMQASG VRWCVVHGRL LSADTKGWVR LQFHAGQAWV PTTHRRMISL FLLPACIFPS PGIEDNMLCP DCAKRNKMM KRLMTVEK</p> <p><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.</b></p> <p><b>In case you have a special request, please contact us.</b></p>
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:

## Product Details

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- 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).

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.

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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

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Target:	DPPA2
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Alternative Name:	DPPA2 ( <a href="#">DPPA2 Products</a> )
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Background:	Developmental pluripotency-associated protein 2 (Pluripotent embryonic stem cell-related gene 1 protein),FUNCTION: Binds to target gene promoters, including NKX2-5 and SYCE1, but not GATA4, and may be involved in the maintenance of the active epigenetic status of these genes. {ECO:0000250}.
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Molecular Weight:	33.8 kDa
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UniProt:	<a href="#">Q7Z7J5</a>
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Pathways:	<a href="#">Stem Cell Maintenance</a>
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## Application Details

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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

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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