

Datasheet for ABIN7557966

DUSP11 Protein (AA 1-321) (His tag)



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Overview

Quantity:	1 mg
Target:	DUSP11
Protein Characteristics:	AA 1-321
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DUSP11 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Dusp11 Protein expressed in mammalien cells.
Sequence:	<p>MNQHYGRHGR GRGRDFAACA PPKKKGRNHI PERWKDYLPV GQRMPGTRFI AFKVPLQKKF</p> <p>EAKLMPEECF SPLDLFNKIQ EQNEELGLII DLTYTQRYK VEDLPETISY IKIFTVGHQI</p> <p>PDNDTIFQFK CAVKEFLKKN KNNDKLIGVH CTHGLNRTGY LICRYLIDVE GMRPDDAIEL</p> <p>FNSCRGHCIE RQNYIENLQK RHVRKNRNVS APRTDGLDS ADPTEQVYTN NKPVKKKPRK</p> <p>NRRGGHLAPS QHFQHQQTSS PYSLRKWSQN QSVYQRGLVP PPGPAGEDYS QRRFFWSARP</p> <p>NKWTAEYSYQR PFYPYYWEWN L 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:	DUSP11
Alternative Name:	Dusp11 (DUSP11 Products)
Background:	RNA/RNP complex-1-interacting phosphatase (EC 3.1.3.-) (Dual specificity protein phosphatase 11) (Phosphatase that interacts with RNA/RNP complex 1),FUNCTION: Possesses RNA 5'-triphosphatase and diphosphatase activities, but displays a poor protein-tyrosine phosphatase activity. In addition, has phosphatase activity with ATP, ADP and O-methylfluorescein phosphate (in vitro). Binds to RNA. May participate in nuclear mRNA metabolism. {ECO:0000250 UniProtKB:O75319}.
Molecular Weight:	37.9 kDa
UniProt:	Q6NXK5

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