

Datasheet for ABIN7561101

Dual Specificity Phosphatase 3 (DUSP3) (AA 1-185) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Dual Specificity Phosphatase 3 (DUSP3)
Protein Characteristics:	AA 1-185
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Dusp3 Protein expressed in mammalien cells.
Sequence:	MSSSFELSVQ DLNDLLSDGS GCYSLPSQPC NEVVRVYVG NASVAQDITQ LQKLGITHVL NAAEGRSFMH VNTSASFYED SGITYLGIKA NDTQEFNLSA YFERATDFID QALAHKNGRV LVHCREGYSR SPTLVIAYLM MRQKMDVKSA LSTVRQNREI GPNDGFLAQL CQLNDRLAKE GKVKL 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: Dual Specificity Phosphatase 3 (DUSP3)

Alternative Name: Dusp3 ([DUSP3 Products](#))

Target Type: Viral Protein

Background: Dual specificity protein phosphatase 3 (EC 3.1.3.16) (EC 3.1.3.48) (T-DSP11) (Vaccinia H1-related phosphatase) (VHR),FUNCTION: Shows activity both for tyrosine-protein phosphate and serine-protein phosphate, but displays a strong preference toward phosphotyrosines. Specifically dephosphorylates and inactivates ERK1 and ERK2 (By similarity). {ECO:0000250, ECO:0000269|PubMed:16845380}.

Molecular Weight: 20.5 kDa

UniProt: [Q9D7X3](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#)

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.

Application Details

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