

Datasheet for ABIN7561165

DUSP21 Protein (AA 1-189) (His tag)



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Overview

Quantity:	1 mg
Target:	DUSP21
Protein Characteristics:	AA 1-189
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DUSP21 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Dusp21 Protein expressed in mammalien cells.
Sequence:	<p>MTTASCIFPS QATQQDNIYG LSQITASLFI SNSAVANDKL TLSNNHITTI INVSAEVVNT</p> <p>FFEDIQYVQV PVSDAPNSYL YDFFDPIADH IHGVEMRNGR TLLHCAAGVS RSATLCLAYL</p> <p>MKYHNMTLLD AHTWTKTCRP IIRPNNGFWE QLIHYEFKLF SRNTVRMIYS PIGLIPNIYE</p> <p>KEAYLMELM 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. • 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:	DUSP21
Alternative Name:	Dusp21 (DUSP21 Products)
Background:	Dual specificity phosphatase 21 (EC 3.1.3.16) (EC 3.1.3.48),FUNCTION: Can dephosphorylate single and diphosphorylated synthetic MAPK peptides, with preference for the phosphotyrosine and diphosphorylated forms over phosphothreonine. {ECO:0000250}.
Molecular Weight:	21.5 kDa
UniProt:	Q9D9D8

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

Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-80 °C
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Storage Comment:	Store at -80°C.
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Expiry Date:	12 months
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