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Datasheet for ABIN7561686

DUSP14 Protein (AA 1-198) (His tag)

Overview

Quantity:	1 mg
Target:	DUSP14
Protein Characteristics:	AA 1-198
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DUSP14 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Dusp14 Protein expressed in mammalien cells.
Sequence:	MSSRGHSTLP RTLMAPRMIS EGDIGGIAQI TSSLFLGRAS VASNWHLLQA RGITCVINAT IEIPNFWNPQ FEYVKVPLAD IPHAPIRLYF DTVADKIHSV SKKHGATLVH CAAGVSRSAT LCIAYLMKFH NLCLLEAYNW VKARRPVIRP NLGFWRQLID YESQLFGKSS VKMVQTPYGI IPDVYEKESR HLMPLYWGI 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:	Key Benefits: <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
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Grade:	custom-made
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Target Details

Target:	DUSP14
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Alternative Name:	Dusp14 (DUSP14 Products)
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Background:	Dual specificity protein phosphatase 14 (EC 3.1.3.16) (EC 3.1.3.48) (Mitogen-activated protein kinase phosphatase 6) (MAP kinase phosphatase 6) (MKP-6),FUNCTION: Involved in the inactivation of MAP kinases. Dephosphorylates ERK, JNK and p38 MAP-kinases. Plays a negative role in TCR signaling by dephosphorylating MAP3K7 adapter TAB1 leading to its inactivation. {ECO:0000250 UniProtKB:O95147}.
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Molecular Weight:	22.3 kDa
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UniProt:	Q9JLY7
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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.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Handling

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