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Datasheet for ABIN7562250
DUSP8 Protein (AA 1-663) (His tag)

Overview

Quantity:	1 mg
Target:	DUSP8
Protein Characteristics:	AA 1-663
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DUSP8 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Dusp8 Protein expressed in mammalien cells.
Sequence:	MAGDRLPRKV MDAKKLASLL RGGPGGPLVI DSRSFVEYNS CHVLSSVNIC CSKLVKRRLLQ QGKVTIAELI QPATRSQVDA TEPQDVVVYD QSTRDASVLA ADSFLSILLS KLDGCFDSVA ILTGGFATFS SCFPGLCEGK PATLPSMSLS QPCLPVPSVG LTRILPHLYL GSQKDVLNKD LMTQNGISYV LNASNSCPKP DFICESRFMR IPINDNYCEK LLPWLDKSIE FIDKAKLSSC QVIVHCLAGI SRSATIAIAY IMKTMGMSSD DAYRFVKDRR PSISPNFNFL GQLLEYERSL KLLAALQTDG PHLGTPEPLM GPAAGIPLPR LPPSTSESAA TGSEAATAAR EGSPSAGGDA PIPSTAPATS ALQQGLRGLH LSSDRLQDTN RLKRSFSLDI KSAYAPSRRP DFPGPPDPGE APKLCKLDSP SGGTLGLPSP SPDSPDSVPE CRPRPRRRRR PASSPARSPA HGLGLNFGDT ARQTPRHGLS ALSAPGLPGP GQPAGPGGWV PPLDSPGTPS PDGPWCFSPE GAQGPVAVFS AFGRVSAGAP GPGNSSSSGG GGGGGGGGGG GGGGGGSSSS NSSSSSSSSS SSSSSSSSSS DLRRRDVRTG WPEEPAADAQ FKRRSCQMEF EEGMVEGRAR GEELAALGKQ TSFSGSVEVI EVS

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:

- 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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

DUSP8

Alternative Name:

Dusp8 ([DUSP8 Products](#))

Background:

Dual specificity protein phosphatase 8 (EC 3.1.3.16) (EC 3.1.3.48) (Neuronal tyrosine threonine phosphatase 1),FUNCTION: Has phosphatase activity with synthetic phosphatase substrates and negatively regulates mitogen-activated protein kinase activity, presumably by catalysing their dephosphorylation (PubMed:7561881). Expected to display protein phosphatase activity toward phosphotyrosine, phosphoserine and phosphothreonine residues (Probable). {ECO:0000269|PubMed:7561881, ECO:0000305}.

Molecular Weight:

68.8 kDa

UniProt:

[O09112](#)

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
