

Datasheet for ABIN7547200  
**DUSP8 Protein (AA 1-625) (His tag)**



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Overview

Quantity:	1 mg
Target:	DUSP8
Protein Characteristics:	AA 1-625
Origin:	Human
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 WHVLSSVNIC CSKLVKRRRLQ QGKVTIAELI QPAARSQVEA TEPQDVVVYD QSTRDASVLA ADSFLSILLS KLDGCFDSVA ILTGGFATFS SCFPGLCEGK PAALLPMSLS QPCLPVPSVG LTRILPHLYL GSQKDVLNKD LMTQNGISYV LNASNSCPKP DFICESRFMR VPINDNYCEK LLPWLDKSIE FIDKAKLSSC QVIVHCLAGI SRSATIAIAY IMKTMGMSSD DAYRFVKDRR PSISPNFNFL GQLLEYERSL KLLAALQGDP GTPSGTPEPP PSPAAGAPLP RLPPPTSESA ATGNAAAREG GLSAGGEPPA PPTPPATSAL QQGLRGLHLS SDRLQDTNRL KRSFSLDIKS AYAPSRRPDG PGPPDPGEAP KLCKLDSPSG AALGLSSPSP DSPDAAPEAR PRPRRRRPRPP AGSPARSPAH SLGLNFGDAA RQTPRHGLSA LSAPGLPGPG QPAGPGAWAP PLDSPGTPSP DGPWCFSPEG AQGAGGVLF PFGRAGAPGP GGGSDLRRRE AARAEPRDAR TGWPEEPAPE TQFKRRSCQM EFEEGMVEGR ARGEELAALG KQASFSGSVE VIEVS <b>Sequence without tag. The proposed Purification-Tag is</b>

**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"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	DUSP8
Alternative Name:	DUSP8 ( <a href="#">DUSP8 Products</a> )
Background:	<p>Dual specificity protein phosphatase 8 (EC 3.1.3.16) (EC 3.1.3.48) (Dual specificity protein phosphatase hVH-5),FUNCTION: Has phosphatase activity with synthetic phosphatase substrates and negatively regulates mitogen-activated protein kinase activity, presumably by catalysing their dephosphorylation. Expected to display protein phosphatase activity toward phosphotyrosine, phosphoserine and phosphothreonine residues.</p> <p>{ECO:0000250 UniProtKB:O09112}.</p>
Molecular Weight:	65.8 kDa
UniProt:	<a href="#">Q13202</a>

## 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
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