

Datasheet for ABIN7547199

DUSP5 Protein (AA 1-384) (His tag)



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Overview

Quantity:	1 mg
Target:	DUSP5
Protein Characteristics:	AA 1-384
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DUSP5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DUSP5 Protein expressed in mammalian cells.
Sequence:	<p>MKVTSLDGRQ LRKMLRKEAA ARCVLDCRP YLAFAASNVR GSLNVNLNSV VLRRARGGAV</p> <p>SARYVLPDEA ARARLLQEGG GGVAHVVDL QGSRHWQKLR EESAARVLT SLLACLPAGP</p> <p>RVYFLKGGYE TFYSEYPECC VDVKPISQEK IESERALISQ CGKPVNVSY RPAYDQGGPV</p> <p>EILPFLYLGS AYHASKCEFL ANLHITALLN VSRRTSEACA THLHYKWIPV EDSHTADISS</p> <p>HFQEAFIDFID CVREKGGKVL VHCEAGISRS PTICMAYLMK TKQFRLKEAF DYIKQRRSMV</p> <p>SPNFGFMGQL LQYESEILPS TPNPQPPSCQ GEAAGSSLIG HLQTLSPDMQ GAYCTFPASV</p> <p>LAPVPTHSTV SELSRSPVAT ATSC 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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	DUSP5
Alternative Name:	DUSP5 (DUSP5 Products)
Background:	Dual specificity protein phosphatase 5 (EC 3.1.3.16) (EC 3.1.3.48) (Dual specificity protein phosphatase hVH3),FUNCTION: Dual specificity protein phosphatase, active with phosphotyrosine, phosphoserine and phosphothreonine residues. The highest relative activity is toward ERK1. {ECO:0000269 PubMed:7961985}.
Molecular Weight:	42.0 kDa
UniProt:	Q16690

Application Details

Application Notes:	We expect the protein to work for functional studies. 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