

Datasheet for ABIN7547265

DUSP15 Protein (AA 1-295) (His tag)



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Overview

Quantity:	1 mg
Target:	DUSP15
Protein Characteristics:	AA 1-295
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DUSP15 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat DUSP15 Protein expressed in mammalian cells.
Sequence:	<p>MTEGVLPGLY LGNFIDAKDL DQLGRNKITH IISIHESPQP LLQDITYLRI PVADTPEVPI</p> <p>KKHFKECINF IHCCRLNGGN CLVHCFAGIS RSTTIVTAYV MTVTGLGWRD VLEAIKATRP</p> <p>IANPNPGFRQ QLEEFGWASS QKGARHRTSK TSGAQCPMT SATCLLAARV ALLSAALVRE</p> <p>ATGRTAQRRCR LSPRAAAERL LGPPPHVAAG WSPDPKYQIC LCFGEEDPGP TQHPKEQLIM</p> <p>ADVQVQLRPG SSSCTLSAST ERPDGSSTPG NPDGITHLQC SCLHPKRAAS SSCTR 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.
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Product Details

- 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:	DUSP15
Alternative Name:	DUSP15 (DUSP15 Products)
Background:	Dual specificity protein phosphatase 15 (EC 3.1.3.16) (EC 3.1.3.48) (VH1-related member Y) (Vaccinia virus VH1-related dual-specific protein phosphatase Y),FUNCTION: May dephosphorylate MAPK13, ATF2, ERBB3, PDGFRB and SNX6 (PubMed:22792334). {ECO:0000269 PubMed:22792334}., FUNCTION: [Isoform 3]: May play a role in the regulation of oligodendrocyte differentiation. May play a role in the regulation of myelin formation (By similarity). Involved in the regulation of Erk1/2 phosphorylation in Schwann cells, the signaling may be linked to the regulation of myelination (By similarity). {ECO:0000250 UniProtKB:B4F7B7, ECO:0000250 UniProtKB:Q8R4V2}.
Molecular Weight:	31.9 kDa
UniProt:	Q9H1R2

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
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Application Details

	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