

Datasheet for ABIN7561030

OCSTAMP Protein (AA 1-498) (His tag)



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Overview

Quantity:	1 mg
Target:	OCSTAMP
Protein Characteristics:	AA 1-498
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OCSTAMP protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ocstamp Protein expressed in mammalian cells.
Sequence:	<p>MRTIRAATEH LFGLGWKFWR LGICKAVVPL QAAWKAFSQP VPASCNELLT QLLLCVSLAS LIAGLAHHWL VSLQLYPLGP PALVTSLCGL FVFLSLGLVP PIRCLFVLSV PTLGSKQGRR LLLSYSAAANL AVAVVPNVLG NVRAAGQVLS CVTEGSLESL LNTTYQLRQA ARELGPASRA GSRSLTFEVE GKGSAPRLHM HTITQEILED FSGLEFLARA ALGTQRRVVTG LFLGLLGGES AWYLHRYLTD LRFDNIAATR QLVRLAQAG ATHLLTSPPP WLLQTAQPKL SRELLSCLL RLGLLALLLV ATAVTVASDY GAFLLAQAAV AWAQKLPTVP ITLTVKYDAS YKVLDFILFV LNQPPEVSFV ASMQRSFQWE LRFTPHDCHL PQAQPPRVTA ALAAGALQLL AGATLVLQAY AWRLRHTIAA SFFPDQEARR LSHLQARLQR RHNQSDHLNK QPGTMATRES RKPQGQTRTL ESQGPQAHDS LGPPYDLE 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>

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• 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).
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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:	OCSTAMP
Alternative Name:	Ocstamp (OCSTAMP Products)
Background:	Osteoclast stimulatory transmembrane protein (OC-STAMP),FUNCTION: Probable cell surface receptor that plays a role in cellular fusion and cell differentiation. Cooperates with DCSTAMP in modulating cell-cell fusion in both osteoclasts and foreign body giant cells (FBGCs). Involved in osteoclast bone resorption. Promotes osteoclast differentiation and may play a role in the multinucleated osteoclast maturation. {ECO:0000269 PubMed:18064667, ECO:0000269 PubMed:20882308, ECO:0000269 PubMed:22337159}.
Molecular Weight:	54.6 kDa
UniProt:	Q9D611

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