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Datasheet for ABIN2714435 Adrenomedullin Protein (ADM) (Myc-DYKDDDDK Tag)



Overview

Image

Quantity:20 µgTarget:Adrenomedullin (ADM)Origin:HumanSource:HEK-293 CellsProtein Type:RecombinantPurification tag / Conjugate:This Adrenomedullin protein is labelled with Myc-DYKDDDDK Tag.Application:Antibody Production (AbP), Standard (STD)Product DetailsCharacteristics:: Recombinant human Adrenomedullin / ADM protein expressed in HEK293 cells. · Produced with end-sequenced ORF clonePurity:> 80 % as determined by SDS-PAGE and Coomassie blue stainingTarget DetailsTarget:Adrenomedullin (ADM)Abstract:ADM ProductsTarget Type:HormoneBackground:The protein encoded by this gene is a preprohormone which is cleaved to form two biologically active peptides, adrenomedullin and proadrenomedullin N-terminal 20 peptide. Adrenomedullin is a 52 aa peptide with several functions, including vascidiation, regulation of hormone secretion, promotion of angiogenesis, and antimicrobial activity. The antimicrobial activity is			
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Target Details

	antibacterial, as the peptide has been shown to kill E. coli and S. aureus at low concentration.
Molecular Weight:	20.2 kDa
NCBI Accession:	NP_001115
Pathways:	Hormone Transport, Hormone Activity, C21-Steroid Hormone Metabolic Process, cAMP Metabolic Process, Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled
	Receptor Protein Signaling, Tube Formation

Application Details

Application Notes:	Recombinant human proteins can be used for:		
	Native antigens for optimized antibody production		
	Positive controls in ELISA and other antibody assays		
Comment:	The tag is located at the C-terminal.		
Restrictions:	For Research Use only		

Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images

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Western Blotting

Image 1. Validation with Western Blot

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