

Adrenomedullin 2 Recombinant Protein | ADM2 recombinant protein

Recombinant Adrenomedullin 2 (ADM2)

CATALOG # AAA150306	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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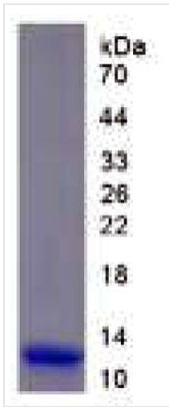
PRODUCT SYNONYMS

Adrenomedullin 2; Recombinant Adrenomedullin 2 (ADM2); ADM2 recombinant protein

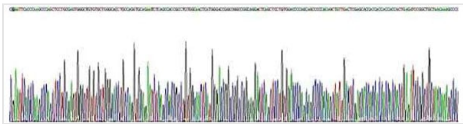
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5% Trehalose
Concentration	Original Concentration: 80ug/mL (varies by lot)
Sequence	TQAQLLRVGC VLGTCQVQNL SHRLWQLMGP AGRQDSAPVD PSSPHSY
Applicable Applications for ADM2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Thr101~Tyr147
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	8.2
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1. Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for ADM2 recombinant protein	Endocrinology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	359718926
NCBI GeneID	79924
NCBI Accession #	NP_001240774.1
NCBI GenBank Nucleotide #	NP_001240774.1
UniProt Accession #	Q7Z4H4
Molecular Weight	Predicted Molecular Mass: 8.7kDa Accurate Molecular Mass: 13kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	protein ADM2 preproprotein
NCBI Official Synonym Full Names	adrenomedullin 2
NCBI Official Symbol	ADM2
NCBI Official Synonym Symbols	AM2; dJ579N16.4
NCBI Protein Information	protein ADM2
UniProt Protein Name	ADM2
UniProt Gene Name	ADM2
UniProt Synonym Gene Names	AM2; AM2; IMDL; IMDS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/adm2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150306>