

Endothelin 1 (EDN1) Active Protein | EDN1 active protein

Active Endothelin 1 (EDN1)

CATALOG # AAA148173	HOST E Coli	REACTIVITY Rat	APPLICATIONS Activity Assay, Cell Culture
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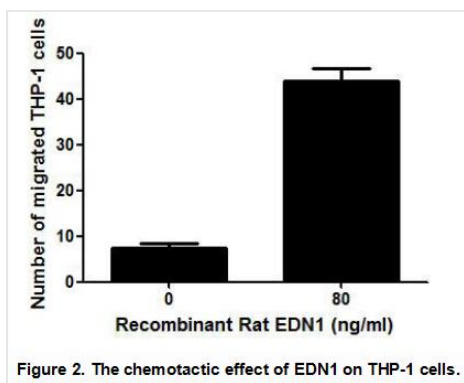
PRODUCT SYNONYMS

Endothelin 1 (EDN1); Active Endothelin 1 (EDN1); ET1; PPET1; Preproendothelin-1; Big endothelin-1; EDN1 active protein

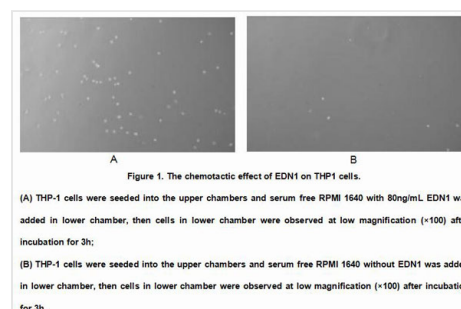
PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Rat
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	202
Applicable Applications for EDN1 active protein	Activity Assay, Cell Culture
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Fragment	Ser54~His202
Isoelectric Point	9.7

IMAGES

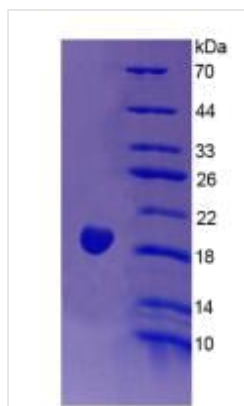


Application Data

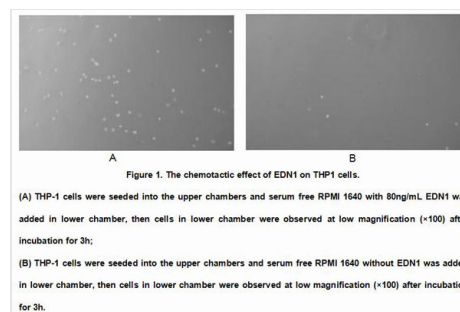


Application Data

Application Data



SDS-PAGE



Activity

Figure 1. The chemotactic effect of EDN1 on THP1 cells. (A) THP-1 cells were seeded into the upper chambers and serum free RPMI 1640 with 80ng/mL EDN1 was added in lower chamber, then cells in lower chamber were observed at low magnification ($\times 100$) after incubation for 3h; (B) THP-1 cells were seeded into the upper chambers and serum free RPMI 1640 without EDN1 was added in lower chamber, then cells in lower chamber were observed at low magnification ($\times 100$) after incubation for 3h.

ADDITIONAL INFORMATION

Product Categories/Family for EDN1 active protein

Endocrinology; Cardiovascular biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978791
NCBI GeneID	24323
NCBI Accession #	NP_036680.1
NCBI GenBank Nucleotide #	NM_012548.2
UniProt Accession #	P22388
Molecular Weight	Predicted Molecular Weight: 18.5kDa Accurate Molecular Weight: 19kDa
NCBI Official Full Name	endothelin-1 preproprotein
NCBI Official Synonym Full Names	endothelin 1
NCBI Official Symbol	Edn1
NCBI Official Synonym Symbols	Et1
NCBI Protein Information	endothelin-1
UniProt Protein Name	Endothelin-1
UniProt Gene Name	Edn1
UniProt Synonym Gene Names	ET-1; PPET1

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://stage.aaabiotech.com/e-coli-rat-active-protein/endothelin-1-edn1/148173>