

Interleukin 8 (IL8) Active Protein | IL8 active protein

Active Interleukin 8 (IL8)

CATALOG # AAA152972	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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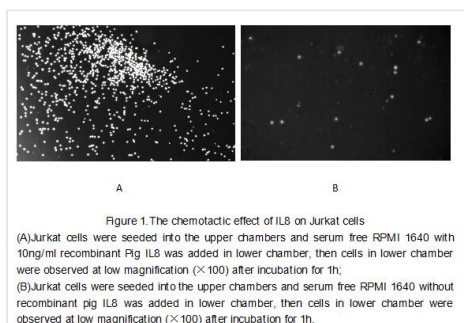
PRODUCT SYNONYMS

Interleukin 8 (IL8); Active Interleukin 8 (IL8); Interleukin 8; IL8 active protein (prokaryotic); Pig; CXCL8; AMCF-I; GCP1; K60; LECT; LUCT; LYNAP; MDNCF; MONAP; NAF; NAP1; SCYB8; TSG1; B-ENAP; Neutrophil-Activating Protein 1; Granulocyte Chemotactic Protein 1; IL8 active protein

PRODUCT SPECIFICATIONS

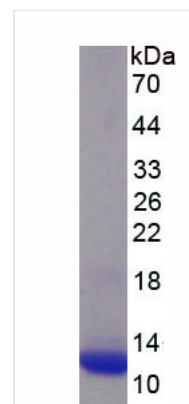
Host	E coli
Purity/Purification	Greater than 97% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Ala26~Gln103
Applicable Applications for IL8 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Pig
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.3
Research Area	Cytokine
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Bioactivity

Interleukin 8 (IL8 or chemokine (C-X-C motif) ligand 8, CXCL8) is a chemokine produced by macrophages and other cell types such as epithelial cells, airway smooth muscle cells and endothelial cells. Thus, chemotaxis assay used 24-well microchemotaxis system.



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IL8 active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47523124
NCBI GeneID	396880
NCBI Accession #	NP_999032.1
NCBI GenBank Nucleotide #	NM_213867.1
UniProt Accession #	P26894; P22951
Molecular Weight	11,633 Da
NCBI Official Full Name	interleukin-8
NCBI Official Symbol	IL8
NCBI Official Synonym Symbols	CXCL8; AMCF-I
NCBI Protein Information	interleukin-8; IL-8; C-X-C motif chemokine 8; alveolar macrophage chemotactic factor I; alveolar macrophage-derived chemotactic factor-I
UniProt Protein Name	Interleukin-8
UniProt Gene Name	IL8
UniProt Synonym Gene Names	CXCL8; IL-8; AMCF-I
UniProt Entry Name	IL8_PIG

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-active-protein/interleukin-8-il8/152972>