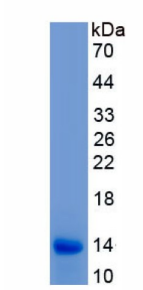
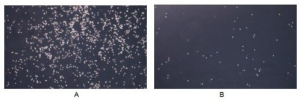
Rabbit Interleukin 8 / IL8 (CXCL8) Protein (Active)

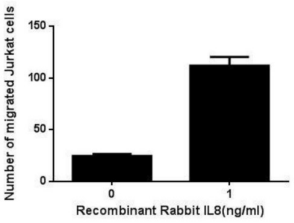
Catalogue No.:abx655743



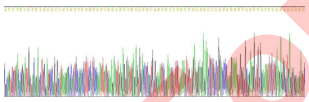
SDS-PAGE analysis of recombinant active Interleukin 8 / IL8 (CXCL8) protein.



Chemotactic activity assay demonstrating the ability of Interleukin 8 / IL8 (CXCL8) protein to induce Jurkat cell migration. A: Jurkat cells seeded into the upper chamber of a microchemotaxis system with RPMI 1640 media (5% CO_2, 37°C). Recombinant active Interleukin 8 / IL8 (CXCL8) protein (1 ng/ml) was added to the lower chamber. The cells that migrated to the lower chamber were counted after a 1 hour incubation (100x lens). B: Jurkat cells were seeded in the same conditions in the upper chamber without recombinant active Interleukin 8 / IL8 (CXCL8) protein, and counted in the lower chamber after the same incubation time (100x lens).



Chemotactic activity assay demonstrating the ability of recombinant active Interleukin 8 / IL8 (CXCL8) protein to induce Jurkat cell migration. The concentration at which the protein had the highest chemotactic effect was 1-10 ng/ml.



Gene sequencing extract of recombinant active Interleukin 8 / IL8 (CXCL8) protein.

Rabbit Interleukin 8 / IL8 (CXCL8) Protein is an active recombinant protein, expressed in E. coli.

Target:	Interleukin 8 / IL8 (CXCL8)
Research Area:	Cytokines, Infection Immunity
Origin:	Rabbit

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Activity:	Active
Purity:	> 95%
Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH_2O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P19874 (UniProt, ExPASy)
Gene Symbol:	CXCL8
GeneID:	100009129
KEGG:	ocu:100009129
Ensembl:	ENSOCUG00000011835
String:	9986.ENSOCUP00000018795
Molecular Weight:	Calculated MW: 12.5 kDa Observed MW (SDS-PAGE): 14 kDa
Sequence Fragment:	Ala23-Ser101
Sequence:	AVLTRIGT ELRCQCIKTH STPFHPKFIK ELRVIESGPH CANSEIIVKL VDGRELCLDP KEKWVQKVVQ IFLKRAEQQE S
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Endotoxin Level: < 1.0 EU per 1 µg (LAL method).

Concentration: Prior to lyophilization: 400 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com