

Recombinant Dog IL8 Protein (23-101 aa), GST-tagged

Cat. No. IL8-579D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog IL8 Protein (23-101 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Dog
Source	E.coli
ProteinLength	23-101 aa
Description	IL-8 is a chotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	36.1 kDa
AA Sequence	AVLSRVSSELRCQCIKTHSTPFHPKYIKELRVIDSGPHCENSEIIVKLFNGNEVCLDPK EKWVQKVQIFLKKAQKQDP
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name IL8 interleukin 8 [*Canis lupus familiaris*]

Official Symbol IL8

Synonyms IL8; interleukin 8; interleukin-8; IL-8;

Gene ID 403850

mRNA Refseq NM_001003200

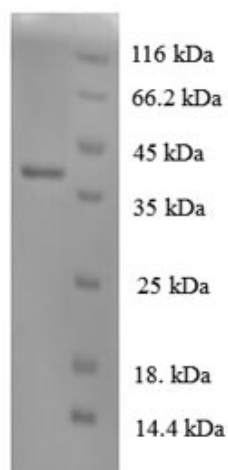
Protein Refseq NP_001003200

UniProt ID P41324

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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