

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

Gene Name	IL8 interleukin 8 [<i>Canis lupus familiaris</i>]
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Official Symbol	IL8
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Synonyms	IL8; interleukin 8; interleukin-8; IL-8;
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Gene ID	403850
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mRNA Refseq	NM_001003200
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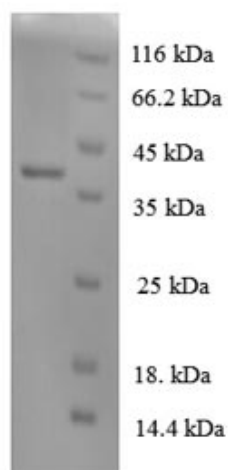
Protein Refseq	NP_001003200
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UniProt ID	P41324
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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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