

Recombinant Horse Interleukin 8

Cat. No. IL8-599H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HorseIL8 was expressed in Pichia pastoris.
Species	Equine
Source	Horse
Description	Equine interleukin 8(IL-8) is principally produced by macrophages and is involved in neutrophilchemotaxis. IL-8 has an ED50 in the range 20-25 ng/ml determined by studiesof the induction of equine IL-8 on neutrophil migration in vitro.
Form	Purified RecombinantProtein - lyophilized.
Reconstitution	Reconstitute with0.5 ml distilled water.
Application	ELISA; FunctionalAssays
Preparation	Recombinant proteinexpressed in Pichia pastoris.
Buffer Solution	Phosphate bufferedsaline.
Molecular Weight	8.5 kD
Purity	> 95% by SDS PAGEanalysis.
Storage	Prior toreconstitution store at +4oC. After reconstitution store at -70oC.Storage in

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frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	IL8 interleukin 8 [Equus caballus]
Official Symbol	IL8
Synonyms	IL8; Interleukin 8; CXCL8; GCP-1; GCP1; LECT; LUCT; LYNAP; MDNCF; MONAP; NAF; NAP-1; NAP1
Gene ID	100037400
mRNA Refseq	NM_001083951
Protein Refseq	NP_001077420
UniProt ID	O62812

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