Recombinant Human PGII

Cat. No. PGII-59H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Pepsinogen II was expressed in Yeast.
Species	Human
Source	Yeast
Description	The protein encoded by this gene is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract. Mutations in this gene are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.
Form	Lyophilized from sterile 20mM PB,240mM NaCl,PH6.0.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Applications	Western blotting, ELISA
Storage	Store it under sterile conditions at -80℃. It is recommended that the protein be

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	aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.Samples are stable for up to twelve months from date of receipt at -80℃.

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