Recombinant Human IL18RAP Protein, His-tagged

Cat. No. IL18RAP-157H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL18RAP Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Interleukin-18 (IL-18) has been identified as a molecule that induces IFN-γ production and enhances NK cell cytotoxicity. IL-18 receptor (IL-18R) is a type I membrane protein present in lung, leukocytes, spleen, liver, thymus, prostate, small intestine, colon, placenta and heart, and absent from brain, skeletal muscle, pancreas and kidney. IL-18R is present in Hodgkin's disease cell lines, and does not bind IL-1α or IL-1β. The association of IL-18 to IL-18R leads to activation of NFκB. At present two subunits of IL-18R have been characterized: IL-18Rα and IL-18Rβ. IL-18Rα has been described as the ligand-binding chain and IL-18Rβ as the signal-transduction chain.
Molecular Mass	~43 kDa
AA Sequence	MFNISGCSTKKLLWTYSTRSEEEFVLFCDLPEPQKSHFCHRNRLSPKQVPEHLPFM GSNDLSDVQWYQQPSNGDPLEDIRKSYPHIIQDKCTLHFLTPGVNNSGSYICRPKMI KSPYDVACCVKMILEVKPQTNASCEYSASHKQDLLLGSTGSISCPSLSCQSDAQSPA VTWYKNGKLLSVERSNRIVVDEVYDYHQGTYVCDYTQSDTVSSWTVRAVVQVRTIV GDTKLKPDILDPVEDTLEVELGKPLTISCKARFGFERVFNPVIKWYIKDSDLEWEVSV PEAKSIKSTLKDEIIERNIILEKVTQRDLRRKFVCFVQNSIGNTTQSVQLKEKR

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Purity	Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).
Notes	For research use only, not for use in diagnostic procedure.
Storage	Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.
Storage Buffer	PBS, 4M Urea, pH7.4

GENE INFORMATION

Gene Name	IL18RAP interleukin 18 receptor accessory protein [Homo sapiens (human)]
Official Symbol	IL18RAP
Synonyms	IL18RAP; interleukin 18 receptor accessory protein; interleukin-18 receptor accessory protein; AcPL; CD218b; IL-1R7; IL-1R-7; IL-18RAcP; IL-1RAcPL; IL-18Rbeta; IL-18R-beta; IL-18 receptor beta; interleukin-1 receptor 7; interleukin-18 receptor beta; IL-18 receptor accessory protein; CD218 antigen-like family member B; ACPL; IL18RB; CDw218b; MGC120589; MGC120590;
Gene ID	8807
mRNA Refseq	NM_003853
Protein Refseq	NP_003844
MIM	604509
UniProt ID	O95256

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