Recombinant Human lymphocyte antigen 86, His-tagged

Cat. No. LY86-263H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LY86, 21-162aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	21-162 a.a.
Description	LY86 is highly expressed in B-cells, monocytes and tonsil. This protein may cooperate with CD180 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS) and cytokine production. It is important for efficient CD180 cell surface expression. Recombinant human LY86 protein, fused to His-tag at N-terminus, was expressed in E.coli .
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing, 10% glycerol, 0.4M Urea
Molecular Mass	18.1kDa (165aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSGGGGKAW PTHVVCSDSG LEVLYQSCDP LQDFGFSVEK CSKQLKSNIN IRFGIILRED IKELFLDLAL MSQGSSVLNF SYPICEAALP KFSFCGRRKG EQIYYAGPVN NPEFTIPQGE YQVLLELYTE KRSTVACANA TIMCS
Purity	>85% by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	LY86 lymphocyte antigen 86 [Homo sapiens]
Official Symbol	LY86
Synonyms	LY86; lymphocyte antigen 86; dJ80N2.1; MD 1; ly-86; protein MD-1; MD-1, RP105-associated; MD-1; MMD-1; RP1-80N2.1;
Gene ID	9450
mRNA Refseq	NM_004271
Protein Refseq	NP_004262
MIM	605241
UniProt ID	O95711
Chromosome Location	6p24.3
Pathway	Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Toll Like Receptor 4 (TLR4) Cascade, organism-specific biosystem; Toll Receptor Cascades, organism-specific biosystem;

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