

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 MSGGGGKAW PTHVVCSDSG LEVLYQSCDP LQDFGFSVEK CSKQLKSNIN IRFGILRED 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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