

**LY86, 21-162aa, Human, His tag, E.coli**

**Cat.NO.: TP02862**

3th Edition

**Synonyms:**Lymphocyte antigen 86, lymphocyte antigen 86, dJ80N2.1, MD-1, MMD-1, RP1-80N2.1

**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 Weight:**18.1kDa (165aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSGGGKAWPTHVVCSDSGLEVLYQSCDPLQDFGFSVEKCSKQLKSNINIRFG  
IILREDIKELFLDLALMSQGSSVLNFSYPICEAALPKFSFCGRRKGEQIYYAGPVNNPEFTIPQGEYQVLELYTEKRS  
TVACANATIMCS

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.