

Recombinant human MD-1 protein

Catalog Number: ATGP2217

PRODUCT INFORMATION

Expression system

E.coli

Domain

21-162aa

UniProt No.

O95711

NCBI Accession No.

NP_004262

Alternative Names

Lymphocyte antigen 86, lymphocyte antigen 86, dj80N2.1, MD-1, MMD-1, RP1-80N2.1

PRODUCT SPECIFICATION

Molecular Weight

18.1 kDa (165aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing, 10% glycerol, 0.4M urea

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MSGGGGGKAW PTHVVCSDSG LEVLYQSCDP LQDFGFSVEK CSKQLKSNIN IRFGIILRED

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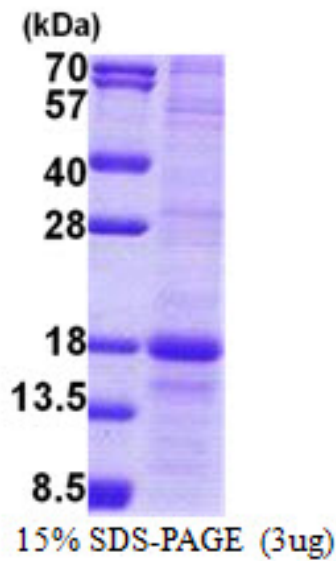
IKELFLDLAL MSQGSSVLNF SYPICEAALP KFSFCGRRKG EQIYYAGPVN NPEFTIPQGE YQVLLELYTE KRSTVACANA TIMCS

General References

Miura Y., Shimazu R, et al.(1998) Blood 92:2815-2822

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.