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 SSGLVPRGSH MGS>GGGGKAW PTHVVCSDSG LEVLYQSCDP LQDFGFSVEK CSKQLKSNIN

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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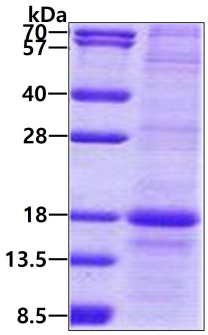
IRFGIILRED IKELFLDLAL MSQGSSVLNF SYPICEAALP KFSFCGRRKG EQIYYAGPVN NPEFTIPQGE YQVLLELYTE KRSTVACANA TIMCS

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.